

SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is 70%.

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.

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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 12:09:57 ; Search time 81 Seconds

(without alignments)
3.360 Million cell updates/sec

Title: US-10-630-401-10

Perfect score: 3799

Sequence: 1 aagatggcagcagggtgtg.....gacacctgtgtgtaacctg 3799

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1783 seqs, 35816 residues

Total number of hits satisfying chosen parameters: 3566

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1223 summaries

Database : rni10.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	36.4	1.0	48	1	US-09-443-199C-1017
2	35.6	0.9	50	1	US-08-222-177A-95
3	35.6	0.9	50	1	US-08-222-177A-186
4	34.8	0.9	48	1	US-09-443-199C-1018
5	34.6	0.9	46	1	US-08-222-177A-346
6	34.4	0.9	44	1	US-08-222-177A-249
7	34.4	0.9	44	1	US-09-443-199C-1019
8	34.2	0.9	42	1	US-08-222-177A-53
9	34.2	0.9	47	1	US-08-222-177A-83
10	34.2	0.9	47	1	US-08-222-177A-92
11	34.2	0.9	47	1	US-08-222-177A-221
12	33.8	0.9	38	1	US-08-222-177A-198
13	33.8	0.9	38	1	US-08-222-177A-397
14	33.8	0.9	39	1	US-08-222-177A-137
15	33.8	0.9	40	1	US-08-222-177A-400
16	33.8	0.9	40	1	US-08-222-177A-403
17	33.8	0.9	40	1	US-08-222-177A-74
18	33.8	0.9	41	1	US-08-222-177A-183
19	33.8	0.9	41	1	US-08-222-177A-232
20	33.8	0.9	42	1	US-08-222-177A-229
21	33.8	0.9	43	1	US-08-222-177A-388
22	33.8	0.9	44	1	US-08-222-177A-195
23	33.8	0.9	44	1	US-08-222-177A-241
24	33.8	0.9	46	1	US-08-222-177A-71
25	33.8	0.9	46	1	US-08-222-177A-101
26	33.8	0.9	46	1	US-08-222-177A-226
27	33.8	0.9	46	1	US-08-222-177A-364
28	33.6	0.9	45	1	US-08-222-177A-326
29	33.4	0.9	35	1	US-08-222-177A-77
30	33	0.9	41	1	US-09-144-367-46
31	32.8	0.9	36	1	US-08-222-177A-104
32	32.8	0.9	36	1	US-08-222-177A-358
33	32.8	0.9	37	1	US-08-222-177A-140

44	1	US-09-443-199C-1020	Sequence 1020, App
45	1	US-08-222-177A-203	Sequence 203, App
34	1	US-08-222-177A-180	Sequence 180, App
35	1	US-08-222-177A-189	Sequence 189, App
38	1	US-08-222-177A-68	Sequence 68, Appl
39	1	US-08-222-177A-86	Sequence 86, Appl
40	1	US-08-222-177A-152	Sequence 152, App
40	1	US-08-222-177A-175	Sequence 175, App
42	1	US-08-222-177A-334	Sequence 334, App
42	1	US-08-222-177A-157	Sequence 157, App
45	1	US-08-471-570-15	Sequence 15, Appl
39	1	US-08-222-177A-59	Sequence 59, Appl
33	1	US-08-222-177A-218	Sequence 218, App
33	1	US-09-383-630-13	Sequence 13, Appl
34	1	US-08-222-177A-110	Sequence 110, App
34	1	US-08-222-177A-172	Sequence 172, App
34	1	US-08-222-177A-192	Sequence 192, App
34	1	US-08-222-177A-322	Sequence 322, App
43	1	US-08-222-177A-370	Sequence 370, App
42	1	US-08-222-177A-343	Sequence 343, App
42	1	US-08-676-279-32	Sequence 32, Appl
32	1	US-08-222-177A-210	Sequence 210, App
32	1	US-08-222-177A-376	Sequence 376, App
42	1	US-08-222-177A-340	Sequence 340, App
31	1	US-08-222-177A-215	Sequence 215, App
31	1	US-08-222-177A-235	Sequence 235, App
31	1	US-08-222-177A-271	Sequence 271, App
41	1	US-08-222-177A-352	Sequence 352, App
41	1	US-08-222-177A-355	Sequence 355, App
39	1	US-08-222-177A-331	Sequence 331, App
32	1	US-08-222-177A-406	Sequence 406, App
30	1	US-08-222-177A-373	Sequence 373, App
29	1	US-08-455-627-25	Sequence 25, Appl
29	1	US-08-222-177A-80	Sequence 80, Appl
29	1	US-08-222-177A-238	Sequence 238, App
29	1	US-08-689-856-25	Sequence 25, Appl
28	1	US-08-222-177A-451	Sequence 451, App
34	1	US-08-676-279-33	Sequence 33, Appl
27	1	US-08-455-627-23	Sequence 23, Appl
27	1	US-08-222-177A-143	Sequence 143, App
27	1	US-08-689-856-23	Sequence 23, Appl
27	1	US-08-787-321-23	Sequence 23, Appl
30	1	US-08-222-177A-415	Sequence 415, App
30	1	US-07-997-133-4	Sequence 4, Appli
30	1	US-07-997-133-4	Sequence 4, Appli
25	1	US-08-222-177A-146	Sequence 146, App
33	1	US-08-222-177A-312	Sequence 312, App
24	1	US-08-222-177A-445	Sequence 445, App
32	1	US-09-383-630-12	Sequence 12, Appl
22	1	US-09-099-749-8	Sequence 8, Appli
22	1	US-09-425-462-21	Sequence 21, Appl
22	1	US-09-425-462-22	Sequence 22, Appl
28	1	US-07-631-717A-5	Sequence 5, Appli
28	1	US-08-166-717B-5	Sequence 5, Appli
23	1	US-08-222-177A-454	Sequence 454, App
23	1	US-08-787-321-22	Sequence 22, Appl
21	1	US-09-099-749-7	Sequence 7, Appli
30	1	US-08-859-998-172	Sequence 172, App
30	1	US-09-225-928-172	Sequence 172, App
27	1	US-09-225-201B-172	Sequence 172, App
27	1	US-08-469-802B-18	Sequence 18, Appl
27	1	US-08-267-803B-36	Sequence 36, Appl
22	1	US-08-222-177A-135	Sequence 135, App
26	1	PCT-US92-10792-45	Sequence 45, Appl
28	1	US-08-915-609-2	Sequence 2, Appli
26	1	US-08-859-998-1107	Sequence 1107, Ap
26	1	US-09-225-928-1107	Sequence 1107, Ap
26	1	US-09-225-201B-1107	Sequence 1, Appli
27	1	US-08-915-609-1	Sequence 1, Appli
28	1	US-08-859-998-350	Sequence 350, App
28	1	US-09-225-928-350	Sequence 350, App
28	1	US-09-225-201B-350	Sequence 350, App
21	1	US-08-222-177A-160	Sequence 160, App

107	19.4	0.5	21	1	US-08-471-570-16	Sequence 16, Appl	180	17.2	0.5	24	1	US-08-465-368-7	Sequence 7, Appl
108	19.4	0.5	21	1	US-08-529-878B-9	Sequence 9, Appl	181	17.2	0.5	24	1	US-08-465-368-9	Sequence 9, Appl
109	19.4	0.5	26	1	US-09-014-241-15	Sequence 15, Appl	182	17.2	0.5	24	1	US-08-477-306-7	Sequence 7, Appl
110	19.4	0.5	26	1	PCT-US92-10792-44	Sequence 44, Appl	183	17.2	0.5	24	1	US-08-477-306-9	Sequence 9, Appl
111	19	0.5	24	1	US-09-140-378A-3	Sequence 3, Appl	184	17.2	0.5	24	1	US-08-700-448-7	Sequence 7, Appl
112	18.8	0.5	24	1	US-08-478-470-7	Sequence 7, Appl	185	17.2	0.5	24	1	US-08-700-448-9	Sequence 9, Appl
113	18.8	0.5	24	1	US-08-478-470-9	Sequence 9, Appl	186	17.2	0.5	24	1	US-08-923-386A-7	Sequence 7, Appl
114	18.8	0.5	24	1	US-08-214-599-7	Sequence 7, Appl	187	17.2	0.5	24	1	US-08-923-386A-9	Sequence 9, Appl
115	18.8	0.5	24	1	US-08-214-599-9	Sequence 9, Appl	188	17	0.4	17	1	US-09-383-630-10	Sequence 10, Appl
116	18.8	0.5	24	1	US-08-473-015-7	Sequence 7, Appl	189	17	0.4	17	1	US-09-383-630-18	Sequence 18, Appl
117	18.8	0.5	24	1	US-08-473-015-9	Sequence 9, Appl	190	17	0.4	17	1	US-09-958-221A-18	Sequence 18, Appl
118	18.8	0.5	24	1	US-08-465-368-7	Sequence 7, Appl	191	17	0.4	18	1	US-09-958-221A-20	Sequence 20, Appl
119	18.8	0.5	24	1	US-08-465-368-9	Sequence 9, Appl	192	17	0.4	18	1	US-08-734-973-2	Sequence 2, Appl
120	18.8	0.5	24	1	US-08-477-306-7	Sequence 7, Appl	193	17	0.4	18	1	US-08-734-973-6	Sequence 6, Appl
121	18.8	0.5	24	1	US-08-477-306-9	Sequence 9, Appl	194	17	0.4	18	1	US-08-734-973-7	Sequence 7, Appl
122	18.8	0.5	24	1	US-08-692-787-71	Sequence 71, Appl	195	17	0.4	18	1	US-08-734-973-8	Sequence 8, Appl
123	18.8	0.5	24	1	US-08-700-448-7	Sequence 7, Appl	196	17	0.4	18	1	US-08-734-973-30	Sequence 30, Appl
124	18.8	0.5	24	1	US-08-700-448-9	Sequence 9, Appl	197	17	0.4	18	1	US-08-734-973-31	Sequence 31, Appl
125	18.8	0.5	24	1	US-08-923-386A-7	Sequence 7, Appl	198	17	0.4	18	1	US-08-734-973-32	Sequence 32, Appl
126	18.8	0.5	24	1	US-08-923-386A-9	Sequence 9, Appl	199	17	0.4	18	1	US-08-734-973-1	Sequence 1, Appl
127	18.8	0.5	24	1	US-09-097-199-71	Sequence 71, Appl	200	17	0.4	18	1	US-08-700-530-1	Sequence 1, Appl
128	18.6	0.5	20	1	US-09-277-078-39	Sequence 39, Appl	201	17	0.4	18	1	US-08-976-427-28	Sequence 28, Appl
129	18.6	0.5	25	1	US-08-678-039A-3	Sequence 3, Appl	202	17	0.4	24	1	US-09-648-312-28	Sequence 36, Appl
130	18.6	0.5	25	1	US-09-827-998-1207	Sequence 1207, Ap	203	17	0.4	24	1	PCT-US94-05085A-36	Sequence 36, Appl
131	18.4	0.5	20	1	US-08-863-639A-32	Sequence 32, Appl	204	16.8	0.4	20	1	PCT-US94-05085A-20	Sequence 20, Appl
132	18.4	0.5	20	1	US-09-407-675-5	Sequence 5, Appl	205	16.8	0.4	20	1	US-08-478-470-8	Sequence 8, Appl
133	18.4	0.5	20	1	US-09-488-671-88	Sequence 8, Appl	206	16.8	0.4	20	1	US-08-478-470-8	Sequence 8, Appl
134	18.4	0.5	20	1	US-09-180-903-8	Sequence 8, Appl	207	16.8	0.4	20	1	US-08-214-599-8	Sequence 8, Appl
135	18	0.5	18	1	US-08-734-973-29	Sequence 29, Appl	208	16.8	0.4	20	1	US-08-214-599-8	Sequence 8, Appl
136	18	0.5	18	1	US-09-383-630-11	Sequence 11, Appl	209	16.8	0.4	20	1	US-08-473-015-8	Sequence 8, Appl
137	17.8	0.5	21	1	US-08-136-118-10	Sequence 10, Appl	210	16.8	0.4	20	1	US-08-473-015-8	Sequence 8, Appl
138	17.8	0.5	21	1	US-08-529-1908-10	Sequence 10, Appl	211	16.8	0.4	20	1	US-08-465-368-8	Sequence 8, Appl
139	17.6	0.5	24	1	US-09-449-632-17	Sequence 17, Appl	212	16.8	0.4	20	1	US-08-465-368-8	Sequence 8, Appl
140	17.6	0.5	25	1	US-08-678-039A-4	Sequence 4, Appl	213	16.8	0.4	20	1	US-08-470-911-19	Sequence 19, Appl
141	17.6	0.5	25	1	US-09-827-998-1204	Sequence 1204, Ap	214	16.8	0.4	20	1	US-08-477-306-8	Sequence 8, Appl
142	17.6	0.5	25	1	US-09-827-998-1205	Sequence 1205, Ap	215	16.8	0.4	20	1	US-08-477-306-8	Sequence 8, Appl
143	17.6	0.5	25	1	US-09-827-998-1206	Sequence 1206, Ap	216	16.8	0.4	20	1	US-08-486-809-19	Sequence 19, Appl
144	17.6	0.5	25	1	US-09-827-998-1208	Sequence 1208, Ap	217	16.8	0.4	20	1	US-08-486-809-19	Sequence 19, Appl
145	17.4	0.5	19	1	US-08-222-177A-442	Sequence 442, App	218	16.8	0.4	20	1	US-08-700-448-8	Sequence 8, Appl
146	17.4	0.5	19	1	US-08-915-609-3	Sequence 3, Appl	219	16.8	0.4	20	1	US-08-700-448-8	Sequence 8, Appl
147	17.4	0.5	19	1	US-08-915-609-4	Sequence 4, Appl	220	16.8	0.4	20	1	US-08-923-386A-8	Sequence 8, Appl
148	17.4	0.5	19	1	US-09-696-791-3392	Sequence 3392, Ap	221	16.8	0.4	20	1	US-08-923-386A-8	Sequence 8, Appl
149	17.4	0.5	20	1	US-08-427-863-7	Sequence 7, Appl	222	16.8	0.4	20	1	US-09-517-584A-66	Sequence 66, Appl
150	17.4	0.5	20	1	US-08-427-863-7	Sequence 7, Appl	223	16.8	0.4	20	1	US-09-277-078-40	Sequence 40, Appl
151	17.4	0.5	20	1	US-08-763-417-6	Sequence 6, Appl	224	16.8	0.4	20	1	US-09-716-161A-33	Sequence 33, Appl
152	17.4	0.5	20	1	US-08-763-417-6	Sequence 6, Appl	225	16.8	0.4	20	1	US-09-475-947A-337	Sequence 337, App
153	17.4	0.5	20	1	US-08-763-417-6	Sequence 6, Appl	226	16.8	0.4	21	1	US-08-171-718-11	Sequence 11, Appl
154	17.4	0.5	20	1	PCT-US94-06799-6	Sequence 120, App	227	16.8	0.4	21	1	US-08-403-888A-42	Sequence 42, Appl
155	17.4	0.5	20	1	US-09-556-127-10	Sequence 6, Appl	228	16.8	0.4	21	1	US-08-478-087-11	Sequence 11, Appl
156	17.4	0.5	21	1	US-09-314-246-1	Sequence 1, Appl	229	16.8	0.4	21	1	US-08-150-204E-22	Sequence 22, Appl
157	17.4	0.5	21	1	US-09-314-246-2	Sequence 2, Appl	230	16.8	0.4	22	1	US-08-483-511-60	Sequence 60, Appl
158	17.4	0.5	30	1	US-09-725-265-4	Sequence 10, Appl	231	16.8	0.4	24	1	US-08-529-1908-8	Sequence 8, Appl
159	17.4	0.5	30	1	US-09-725-265-10	Sequence 4, Appl	232	16.8	0.4	24	1	US-08-529-1908-13	Sequence 13, Appl
160	17.4	0.5	30	1	US-09-556-127-10	Sequence 10, Appl	233	16.6	0.4	23	1	US-09-429-499-14	Sequence 14, Appl
161	17.4	0.5	30	1	US-09-556-127-10	Sequence 3, Appl	234	16.6	0.4	23	1	US-08-612-973-106	Sequence 106, App
162	17.2	0.5	22	1	US-09-099-749-3	Sequence 32, Appl	235	16.6	0.4	23	1	US-08-927-597-106	Sequence 106, App
163	17.2	0.5	23	1	US-08-211-202-32	Sequence 32, Appl	236	16.6	0.4	23	1	US-09-600-828A-6	Sequence 6, Appl
164	17.2	0.5	23	1	US-08-222-616-2	Sequence 12, Appl	237	16.4	0.4	18	1	US-08-734-973-1	Sequence 1, Appl
165	17.2	0.5	23	1	US-08-307-619-12	Sequence 58, Appl	238	16.4	0.4	18	1	US-09-475-947A-104	Sequence 104, App
166	17.2	0.5	23	1	US-08-350-860A-58	Sequence 12, Appl	239	16.4	0.4	20	1	US-09-433-699-42	Sequence 42, Appl
167	17.2	0.5	23	1	US-09-050-783-12	Sequence 2, Appl	240	16.4	0.4	20	1	US-09-068-506-17	Sequence 17, Appl
168	17.2	0.5	23	1	US-08-446-648-2	Sequence 59, Appl	241	16.4	0.4	20	1	US-09-967-655-59	Sequence 59, Appl
169	17.2	0.5	23	1	US-09-104-337A-58	Sequence 35, Appl	242	16.4	0.4	21	1	US-09-526-193A-205	Sequence 205, App
170	17.2	0.5	23	1	US-10-067-443-35	Sequence 2, Appl	243	16.4	0.4	21	1	US-09-232-785-5	Sequence 5, Appl
171	17.2	0.5	23	1	US-09-982-610-2	Sequence 7, Appl	244	16.4	0.4	21	1	US-09-756-301B-28	Sequence 5, Appl
172	17.2	0.5	23	1	PCT-US95-04228-2	Sequence 2, Appl	245	16.4	0.4	21	1	US-07-947-683-5	Sequence 4, Appl
173	17.2	0.5	24	1	US-08-478-470-7	Sequence 7, Appl	246	16.2	0.4	21	1	US-08-400-323-4	Sequence 3, Appl
174	17.2	0.5	24	1	US-08-478-470-9	Sequence 9, Appl	247	16.2	0.4	21	1	US-08-533-996A-3	Sequence 44, Appl
175	17.2	0.5	24	1	US-08-214-599-7	Sequence 7, Appl	248	16.2	0.4	21	1	US-08-863-639A-44	Sequence 65, Appl
176	17.2	0.5	24	1	US-08-214-599-9	Sequence 9, Appl	249	16.2	0.4	21	1	US-08-863-639A-65	Sequence 12, Appl
177	17.2	0.5	24	1	US-08-473-015-7	Sequence 7, Appl	250	16.2	0.4	21	1	US-09-403-267-12	Sequence 69, Appl
178	17.2	0.5	24	1	US-08-473-015-9	Sequence 9, Appl	251	16.2	0.4	22	1	US-08-849-021-69	
179	17.2	0.5	24	1	US-08-473-015-9	Sequence 9, Appl	252	16.2	0.4				

c 253	16.2	0.4	22	1	US-08-849-021-83	Sequence 83, Appl	326	15.4	0.4	17	1	US-09-371-772B-6730	Sequence 6730, Ap	
c 254	16.2	0.4	22	1	US-08-849-021-84	Sequence 84, Appl	327	15.4	0.4	17	1	US-09-371-772B-6731	Sequence 6731, Ap	
c 255	16.2	0.4	22	1	US-08-849-021-84	Sequence 84, Appl	328	15.4	0.4	17	1	US-09-371-772B-6762	Sequence 6762, Ap	
c 256	16.2	0.4	22	1	US-08-850-961-4	Sequence 4, Appli	329	15.4	0.4	17	1	US-09-476-387-771	Sequence 771, Ap	
c 257	16.2	0.4	22	1	US-09-479-776-4	Sequence 4, Appli	c 330	15.4	0.4	17	1	US-09-554-726A-28	Sequence 28, Appl	
c 258	16.2	0.4	23	1	US-09-139-617-4	Sequence 4, Appli	c 331	15.4	0.4	17	1	US-09-866-108A-7996	Sequence 7996, Ap	
c 259	16.2	0.4	23	1	US-09-561-741A-4	Sequence 4, Appli	c 332	15.4	0.4	18	1	US-09-475-947A-104	Sequence 104, App	
c 260	16.2	0.4	23	1	US-09-558-795-4	Sequence 4, Appli	c 333	15.4	0.4	19	1	US-07-977-284A-21	Sequence 21, Appl	
c 261	16	0.4	16	1	US-08-222-177A-439	Sequence 439, App	c 334	15.4	0.4	19	1	US-08-256-426B-21	Sequence 21, Appl	
c 262	16	0.4	16	1	US-09-371-772B-6068	Sequence 6068, Ap	c 335	15.4	0.4	19	1	US-09-555-889A-5	Sequence 5, Appli	
c 263	16	0.4	16	1	US-09-371-772B-6069	Sequence 6069, Ap	c 336	15.4	0.4	20	1	US-09-780-045-110	Sequence 110, App	
c 264	16	0.4	17	1	US-08-222-177A-448	Sequence 448, App	c 337	15.4	0.4	20	1	US-08-849-021-73	Sequence 73, Appl	
c 265	16	0.4	17	1	US-08-885-126-9	Sequence 9, Appli	c 338	15.4	0.4	20	1	US-08-849-021-73	Sequence 89, Appl	
c 266	16	0.4	17	1	US-08-960-111-11	Sequence 11, Appl	c 339	15.4	0.4	20	1	US-09-716-161A-34	Sequence 34, Appli	
c 267	16	0.4	17	1	US-09-490-774-11	Sequence 11, Appl	c 340	15.4	0.4	20	1	US-09-101-997-4	Sequence 4, Appli	
c 268	16	0.4	17	1	US-09-558-221A-16	Sequence 16, Appl	c 341	15.4	0.4	20	1	US-09-101-997-8	Sequence 8, Appli	
c 269	16	0.4	17	1	US-09-558-221A-17	Sequence 17, Appl	c 342	15.4	0.4	21	1	US-09-423-890-28	Sequence 28, Appl	
c 270	16	0.4	17	1	US-09-558-221A-19	Sequence 19, Appl	c 343	15.4	0.4	35	1	US-08-173-489C-20	Sequence 20, Appl	
c 271	16	0.4	17	1	US-09-558-221A-21	Sequence 21, Appl	c 344	15.4	0.4	35	1	US-08-222-177A-352	Sequence 352, App	
c 272	16	0.4	18	1	US-08-734-973-3	Sequence 3, Appli	c 345	15.4	0.4	41	1	US-08-222-177A-355	Sequence 355, App	
c 273	16	0.4	18	1	US-08-734-973-3	Sequence 4, Appli	c 346	15.2	0.4	41	20	1	US-09-496-694B-235	Sequence 235, App
c 274	16	0.4	18	1	US-08-734-973-5	Sequence 5, Appli	c 347	15.2	0.4	20	1	US-07-991-867B-15	Sequence 15, Appl	
c 275	16	0.4	18	1	US-08-734-973-33	Sequence 33, Appl	c 348	15.2	0.4	20	1	US-08-033-081B-14	Sequence 14, Appl	
c 276	16	0.4	18	1	US-08-734-973-34	Sequence 34, Appl	c 349	15.2	0.4	20	1	US-08-118-534A-6	Sequence 6, Appli	
c 277	16	0.4	18	1	US-08-734-973-35	Sequence 35, Appl	c 350	15.2	0.4	20	1	US-08-107-755A-15	Sequence 15, Appl	
c 278	16	0.4	18	1	US-08-734-973-36	Sequence 36, Appl	c 351	15.2	0.4	20	1	US-08-913-050A-3	Sequence 3, Appli	
c 279	16	0.4	18	1	US-08-734-973-37	Sequence 37, Appl	c 352	15.2	0.4	20	1	US-08-313-185-40	Sequence 40, Appl	
c 280	16	0.4	18	1	US-08-734-973-38	Sequence 38, Appl	c 353	15.2	0.4	20	1	US-08-544-333-15	Sequence 15, Appl	
c 281	16	0.4	30	1	US-09-496-694B-235	Sequence 235, App	c 354	15.2	0.4	20	1	US-08-987-326-27	Sequence 27, Appl	
c 282	16	0.4	20	1	US-09-780-045-110	Sequence 110, App	c 355	15.2	0.4	20	1	US-09-359-757-27	Sequence 27, Appl	
c 283	16	0.4	22	1	US-08-104-165-30	Sequence 30, Appl	c 356	15.2	0.4	20	1	US-09-082-614A-40	Sequence 40, Appl	
c 284	16	0.4	22	1	US-08-464-250-30	Sequence 30, Appl	c 357	15.2	0.4	20	1	US-09-286-904-22	Sequence 22, Appl	
c 285	16	0.4	30	1	US-09-725-265-8	Sequence 5, Appli	c 358	15.2	0.4	20	1	US-09-433-694-34	Sequence 34, Appl	
c 286	16	0.4	30	1	US-09-725-265-8	Sequence 8, Appli	c 359	15.2	0.4	20	1	US-09-280-805-147	Sequence 147, App	
c 287	16	0.4	30	1	US-09-556-127-8	Sequence 5, Appli	c 360	15.2	0.4	20	1	US-09-280-805-209	Sequence 209, App	
c 288	16	0.4	30	1	US-09-556-127-8	Sequence 8, Appli	c 361	15.2	0.4	20	1	US-09-488-671-89	Sequence 89, Appl	
c 289	15.8	0.4	19	1	US-08-849-021-74	Sequence 74, Appl	c 362	15.2	0.4	20	1	US-09-593-711A-137	Sequence 137, App	
c 290	15.8	0.4	19	1	US-09-696-791-3391	Sequence 1391, Ap	c 363	15.2	0.4	20	1	US-08-530-862B-13	Sequence 13, Appl	
c 291	15.8	0.4	20	1	US-08-961-749-1	Sequence 1, Appli	c 364	15.2	0.4	20	1	US-08-597-313D-13	Sequence 13, Appl	
c 292	15.8	0.4	20	1	US-08-849-021-89	Sequence 89, Appl	c 365	15.2	0.4	20	1	US-09-716-161A-67	Sequence 67, Appl	
c 293	15.8	0.4	20	1	US-08-578-615A-66	Sequence 66, Appl	c 366	15.2	0.4	20	1	US-09-659-791A-39	Sequence 39, Appl	
c 294	15.8	0.4	20	1	US-09-418-641-32	Sequence 32, Appl	c 367	15.2	0.4	20	1	US-09-798-096-38	Sequence 38, Appl	
c 295	15.8	0.4	20	1	US-09-286-904-65	Sequence 65, Appl	c 368	15.2	0.4	20	1	US-09-370-861A-15	Sequence 15, Appl	
c 296	15.8	0.4	20	1	US-09-428-219-53	Sequence 53, Appl	c 369	15.2	0.4	20	1	US-09-676-610B-60	Sequence 60, Appl	
c 297	15.8	0.4	20	1	US-09-448-176-1	Sequence 1, Appli	c 370	15.2	0.4	20	1	US-09-640-101-22	Sequence 22, Appl	
c 298	15.8	0.4	20	1	US-09-640-101-65	Sequence 65, Appl	c 371	15.2	0.4	20	1	US-09-725-265-23	Sequence 23, Appl	
c 299	15.8	0.4	20	1	US-09-898-361-133	Sequence 133, App	c 372	15.2	0.4	20	1	US-09-568-407-6	Sequence 6, Appli	
c 300	15.8	0.4	20	1	PCT-US94-07770-66	Sequence 66, Appl	c 373	15.2	0.4	20	1	US-09-060-299-75	Sequence 75, Appl	
c 301	15.8	0.4	30	1	US-09-725-265-9	Sequence 9, Appli	c 374	15.2	0.4	20	1	US-09-402-923A-75	Sequence 75, Appl	
c 302	15.8	0.4	30	1	US-09-556-127-9	Sequence 9, Appli	c 375	15.2	0.4	20	1	US-10-139-842B-52	Sequence 52, Appl	
c 303	15.8	0.4	41	1	US-09-197-814-9	Sequence 9, Appli	c 376	15.2	0.4	20	1	US-10-139-842B-74	Sequence 74, Appl	
c 304	15.8	0.4	41	1	US-09-920-581-9	Sequence 9, Appli	c 377	15.2	0.4	20	1	US-09-556-127-23	Sequence 23, Appl	
c 305	15.8	0.4	42	1	US-09-244-794B-12	Sequence 12, Appl	c 378	15.2	0.4	20	1	US-09-953-318-72	Sequence 72, Appl	
c 306	15.8	0.4	42	1	US-09-244-794A-13	Sequence 13, Appl	c 379	15.2	0.4	20	1	US-09-953-318-74	Sequence 74, Appl	
c 307	15.8	0.4	42	1	US-09-247-190-12	Sequence 12, Appl	c 380	15.2	0.4	21	1	US-08-324-465-4	Sequence 4, Appli	
c 308	15.8	0.4	42	1	US-09-238-710-12	Sequence 12, Appl	c 381	15.2	0.4	21	1	US-08-465-981-4	Sequence 4, Appli	
c 309	15.6	0.4	21	1	US-09-045-054-15	Sequence 15, Appl	c 382	15.2	0.4	21	1	US-09-213-767-3	Sequence 3, Appli	
c 310	15.6	0.4	21	1	US-09-657-472-88	Sequence 88, Appl	c 383	15.2	0.4	21	1	US-08-863-639A-45	Sequence 45, Appl	
c 311	15.6	0.4	22	1	US-08-179-738-12	Sequence 12, Appl	c 384	15.2	0.4	21	1	US-08-863-639A-49	Sequence 49, Appl	
c 312	15.6	0.4	22	1	US-08-217-529-6	Sequence 6, Appli	c 385	15.2	0.4	21	1	US-08-863-639A-82	Sequence 82, Appl	
c 313	15.6	0.4	22	1	US-08-480-884-7	Sequence 7, Appli	c 386	15.2	0.4	21	1	US-08-863-639A-86	Sequence 86, Appl	
c 314	15.6	0.4	22	1	US-08-628-145-12	Sequence 12, Appl	c 387	15.2	0.4	21	1	US-09-136-080B-49	Sequence 49, Appl	
c 315	15.6	0.4	22	1	PCT-US94-08024-7	Sequence 7, Appli	c 388	15.2	0.4	21	1	US-09-389-956-82	Sequence 82, Appl	
c 316	15.4	0.4	17	1	US-08-782-047-24	Sequence 24, Appl	c 389	15.2	0.4	21	1	US-09-079-723-166	Sequence 166, App	
c 317	15.4	0.4	17	1	US-08-749-431A-21	Sequence 21, Appl	c 390	15.2	0.4	21	1	US-09-232-785-390	Sequence 390, App	
c 318	15.4	0.4	17	1	US-08-924-870A-24	Sequence 24, Appl	c 391	15.2	0.4	21	1	PCT-US93-11915-4	Sequence 4, Appli	
c 319	15.4	0.4	17	1	US-08-584-040-4210	Sequence 4210, Ap	c 392	15.2	0.4	29	1	US-10-003-998A-7	Sequence 7, Appli	
c 320	15.4	0.4	17	1	US-08-584-040-4242	Sequence 4242, Ap	c 393	15.2	0.4	30	1	US-08-296-793-2	Sequence 2, Appli	
c 321	15.4	0.4	17	1	US-08-584-040-5784	Sequence 5784, Ap	c 394	15.2	0.4	30	1	US-08-771-781-2	Sequence 1, Appli	
c 322	15.4	0.4	17	1	US-09-474-432B-772	Sequence 772, App	c 395	15.2	0.4	32	1	PCT-US92-10792-1	Sequence 1, Appli	
c 323	15.4	0.4	17	1	US-09-371-772B-1977	Sequence 1977, Ap	c 396	15	0.4	15	1	US-08-849-021-7	Sequence 7, Appli	
c 324	15.4	0.4	17	1	US-09-371-772B-2009	Sequence 2009, Ap	c 397	15	0.4	15	1	US-08-849-021-8	Sequence 8, Appli	
c 325	15.4	0.4	17	1	US-09-371-772B-6729	Sequence 6729, Ap	c 398	15	0.4	15	1	US-08-849-021-9	Sequence 9, Appli	

545	14.4	0.4	20	1	US-09-287-796-17	Sequence 17, Appl	c 618	14.2	0.4	20	1	US-09-073-465-15	Sequence 15, Appl
546	14.4	0.4	20	1	US-09-433-699-31	Sequence 31, Appl	619	14.2	0.4	20	1	US-08-991-525B-62	Sequence 62, Appl
c 547	14.4	0.4	20	1	US-09-429-322-54	Sequence 54, Appl	620	14.2	0.4	20	1	US-09-085-759-62	Sequence 62, Appl
548	14.4	0.4	20	1	US-09-130-616-17	Sequence 17, Appl	621	14.2	0.4	20	1	US-08-909-954-5	Sequence 5, Appl
549	14.4	0.4	20	1	US-08-953-774-10	Sequence 10, Appl	622	14.2	0.4	20	1	US-08-909-954-13	Sequence 13, Appl
c 550	14.4	0.4	20	1	US-09-559-791A-65	Sequence 65, Appl	c 623	14.2	0.4	20	1	US-09-053-866-10	Sequence 10, Appl
c 551	14.4	0.4	20	1	US-09-752-110A-20	Sequence 20, Appl	624	14.2	0.4	20	1	US-09-287-796-61	Sequence 61, Appl
c 552	14.4	0.4	20	1	US-09-967-669-88	Sequence 88, Appl	c 625	14.2	0.4	20	1	US-09-444-053-36	Sequence 36, Appl
c 553	14.4	0.4	20	1	US-09-232-785-389	Sequence 389, Appl	c 626	14.2	0.4	20	1	US-09-444-053-54	Sequence 54, Appl
c 554	14.4	0.4	30	1	US-09-725-265-11	Sequence 11, Appl	c 627	14.2	0.4	20	1	US-09-444-053-61	Sequence 61, Appl
555	14.4	0.4	30	1	US-09-556-127-11	Sequence 11, Appl	628	14.2	0.4	20	1	US-09-433-699-60	Sequence 60, Appl
556	14.4	0.4	32	1	US-08-126-594-8	Sequence 8, Appl	629	14.2	0.4	20	1	US-09-128-496-62	Sequence 62, Appl
557	14.4	0.4	32	1	US-08-465-811A-8	Sequence 8, Appl	630	14.2	0.4	20	1	US-08-906-517-120	Sequence 120, Appl
558	14.4	0.4	32	1	US-08-619-542B-8	Sequence 8, Appl	c 631	14.2	0.4	20	1	US-09-488-671-160	Sequence 160, Appl
c 559	14.4	0.4	44	1	US-08-664-596B-9	Sequence 9, Appl	c 632	14.2	0.4	20	1	US-09-060-694-3	Sequence 3, Appl
560	14.2	0.4	19	1	US-08-233-030-19	Sequence 19, Appl	633	14.2	0.4	20	1	US-09-130-616-61	Sequence 61, Appl
561	14.2	0.4	19	1	US-08-462-305-18	Sequence 18, Appl	c 634	14.2	0.4	20	1	US-08-931-858B-233	Sequence 233, Appl
562	14.2	0.4	19	1	US-08-613-417A-18	Sequence 18, Appl	c 635	14.2	0.4	20	1	US-09-487-445-92	Sequence 92, Appl
c 563	14.2	0.4	19	1	US-08-950-961-25	Sequence 25, Appl	c 636	14.2	0.4	20	1	US-08-884-421-3	Sequence 3, Appl
564	14.2	0.4	19	1	US-08-594-452-18	Sequence 18, Appl	637	14.2	0.4	20	1	US-09-489-868A-78	Sequence 78, Appl
565	14.2	0.4	19	1	US-08-578-686C-17	Sequence 17, Appl	c 638	14.2	0.4	20	1	US-09-593-711A-60	Sequence 60, Appl
566	14.2	0.4	19	1	US-08-281-203-13	Sequence 13, Appl	639	14.2	0.4	20	1	US-09-593-711A-122	Sequence 122, Appl
567	14.2	0.4	19	1	US-08-867-352-18	Sequence 18, Appl	c 640	14.2	0.4	20	1	US-09-593-711A-241	Sequence 241, Appl
568	14.2	0.4	19	1	US-09-904-405-20	Sequence 20, Appl	641	14.2	0.4	20	1	US-09-009-490A-62	Sequence 62, Appl
569	14.2	0.4	19	1	US-09-458-408-18	Sequence 18, Appl	c 642	14.2	0.4	20	1	US-09-593-589-32	Sequence 32, Appl
570	14.2	0.4	19	1	US-09-196-132-18	Sequence 18, Appl	c 643	14.2	0.4	20	1	US-08-050-482A-11	Sequence 11, Appl
571	14.2	0.4	19	1	US-09-144-112-17	Sequence 17, Appl	c 644	14.2	0.4	20	1	US-08-750-088A-66	Sequence 66, Appl
572	14.2	0.4	19	1	US-08-995-981-18	Sequence 18, Appl	c 645	14.2	0.4	20	1	US-08-829-637A-83	Sequence 83, Appl
c 573	14.2	0.4	19	1	US-09-479-776-25	Sequence 25, Appl	c 646	14.2	0.4	20	1	US-09-660-925B-37	Sequence 37, Appl
574	14.2	0.4	19	1	US-08-337-120A-20	Sequence 20, Appl	647	14.2	0.4	20	1	US-09-175-658B-15	Sequence 15, Appl
575	14.2	0.4	19	1	US-09-643-233-17	Sequence 17, Appl	c 648	14.2	0.4	20	1	US-08-294-312B-55	Sequence 55, Appl
c 576	14.2	0.4	19	1	US-09-422-978-4702	Sequence 4702, Ap	c 649	14.2	0.4	20	1	US-08-294-312B-66	Sequence 66, Appl
c 577	14.2	0.4	19	1	US-09-422-978-6383	Sequence 6383, Ap	c 650	14.2	0.4	20	1	US-08-294-312B-69	Sequence 69, Appl
c 578	14.2	0.4	19	1	US-09-696-791-207	Sequence 207, App	c 651	14.2	0.4	20	1	US-09-659-791A-40	Sequence 40, Appl
c 579	14.2	0.4	19	1	US-09-696-791-208	Sequence 208, App	652	14.2	0.4	20	1	US-09-167-109-195	Sequence 195, Appl
580	14.2	0.4	19	1	US-09-696-791-347	Sequence 347, App	c 653	14.2	0.4	20	1	US-08-468-024B-55	Sequence 55, Appl
581	14.2	0.4	19	1	US-09-696-791-584	Sequence 584, App	c 654	14.2	0.4	20	1	US-08-468-024B-66	Sequence 66, Appl
582	14.2	0.4	19	1	US-09-696-791-585	Sequence 585, App	c 655	14.2	0.4	20	1	US-08-468-024B-69	Sequence 69, Appl
583	14.2	0.4	19	1	US-09-696-791-870	Sequence 870, App	c 656	14.2	0.4	20	1	US-09-657-452A-106	Sequence 106, App
584	14.2	0.4	19	1	US-09-696-791-1835	Sequence 1835, Ap	c 657	14.2	0.4	20	1	US-09-301-836-1	Sequence 1, Appl
585	14.2	0.4	19	1	US-09-696-791-2537	Sequence 2537, Ap	c 658	14.2	0.4	20	1	US-09-479-130-10	Sequence 10, Appl
586	14.2	0.4	19	1	US-09-696-791-3708	Sequence 3708, Ap	c 659	14.2	0.4	20	1	US-09-378-074-3	Sequence 3, Appl
c 587	14.2	0.4	19	1	US-09-835-370-19	Sequence 19, Appl	c 660	14.2	0.4	20	1	US-09-705-299-58	Sequence 58, Appl
c 588	14.2	0.4	20	1	US-07-626-618A-3	Sequence 3, Appl	661	14.2	0.4	20	1	US-09-470-443-38	Sequence 38, Appl
c 589	14.2	0.4	20	1	US-08-063-167A-62	Sequence 62, Appl	c 662	14.2	0.4	20	1	US-08-520-373D-30	Sequence 30, Appl
c 590	14.2	0.4	20	1	US-07-928-611-3	Sequence 3, Appl	c 663	14.2	0.4	20	1	US-09-472-130A-10	Sequence 10, Appl
c 591	14.2	0.4	20	1	US-08-007-997A-62	Sequence 62, Appl	c 664	14.2	0.4	20	1	US-09-706-197-20	Sequence 20, Appl
c 592	14.2	0.4	20	1	US-08-333-977-3	Sequence 3, Appl	c 665	14.2	0.4	20	1	US-09-920-668-31	Sequence 31, Appl
593	14.2	0.4	20	1	US-08-530-492-120	Sequence 120, App	c 666	14.2	0.4	20	1	US-09-658-688A-83	Sequence 83, Appl
c 594	14.2	0.4	20	1	US-08-255-892-77	Sequence 77, Appl	c 667	14.2	0.4	20	1	US-09-668-313A-80	Sequence 80, Appl
c 595	14.2	0.4	20	1	US-08-605-089-18	Sequence 18, Appl	668	14.2	0.4	20	1	US-09-216-393B-243	Sequence 243, Appl
596	14.2	0.4	20	1	US-08-778-702-6	Sequence 6, Appl	669	14.2	0.4	20	1	US-09-422-978-11617	Sequence 11617, A
c 597	14.2	0.4	20	1	US-08-147-843-3	Sequence 3, Appl	c 670	14.2	0.4	20	1	US-10-025-139-83	Sequence 83, Appl
c 598	14.2	0.4	20	1	US-08-602-203-3	Sequence 3, Appl	c 671	14.2	0.4	20	1	US-09-198-452A-1841	Sequence 1841, Ap
599	14.2	0.4	20	1	US-08-440-740A-62	Sequence 62, Appl	672	14.2	0.4	20	1	US-09-198-452A-3458	Sequence 3458, Ap
c 600	14.2	0.4	20	1	US-08-518-862C-16	Sequence 16, Appl	c 673	14.2	0.4	20	1	US-09-198-452A-4668	Sequence 4668, Ap
601	14.2	0.4	20	1	US-08-910-629A-61	Sequence 61, Appl	c 674	14.2	0.4	20	1	US-09-198-452A-4798	Sequence 4798, Ap
c 602	14.2	0.4	20	1	US-08-478-178A-83	Sequence 83, Appl	c 675	14.2	0.4	20	1	US-09-198-452A-4985	Sequence 4985, Ap
603	14.2	0.4	20	1	US-08-344-155C-62	Sequence 62, Appl	676	14.2	0.4	20	1	US-09-198-452A-5790	Sequence 5790, Ap
c 604	14.2	0.4	20	1	US-08-487-811A-3	Sequence 3, Appl	677	14.2	0.4	20	1	US-09-198-452A-6696	Sequence 6696, Ap
c 605	14.2	0.4	20	1	US-08-488-177-83	Sequence 83, Appl	c 678	14.2	0.4	20	1	US-09-708-200-4	Sequence 4, Appl
c 606	14.2	0.4	20	1	US-08-481-072A-83	Sequence 83, Appl	c 679	14.2	0.4	20	1	US-09-915-229-3	Sequence 3, Appl
c 607	14.2	0.4	20	1	US-08-664-336-83	Sequence 83, Appl	c 680	14.2	0.4	20	1	US-08-465-679-66	Sequence 55, Appl
c 608	14.2	0.4	20	1	US-08-481-066A-83	Sequence 83, Appl	c 681	14.2	0.4	20	1	US-08-465-679-69	Sequence 66, Appl
c 609	14.2	0.4	20	1	US-09-100-398-2	Sequence 2, Appl	c 682	14.2	0.4	20	1	US-09-112-580-190	Sequence 69, Appl
c 610	14.2	0.4	20	1	US-09-065-858-3	Sequence 3, Appl	c 683	14.2	0.4	20	1	US-09-722-319-66	Sequence 190, Appl
c 611	14.2	0.4	20	1	US-08-578-615A-91	Sequence 91, Appl	c 684	14.2	0.4	20	1	US-09-722-319-66	Sequence 66, Appl
c 612	14.2	0.4	20	1	US-08-982-845B-62	Sequence 62, Appl	c 685	14.2	0.4	20	1	US-09-860-473-104	Sequence 104, Appl
c 613	14.2	0.4	20	1	US-09-065-883-3	Sequence 3, Appl	686	14.2	0.4	20	1	US-09-860-473-105	Sequence 105, App
c 614	14.2	0.4	20	1	US-08-745-892-19	Sequence 19, Appl	c 687	14.2	0.4	20	1	US-09-860-473-150	Sequence 150, App
c 615	14.2	0.4	20	1	US-09-095-769-3	Sequence 3, Appl	c 688	14.2	0.4	20	1	US-09-914-272A-9	Sequence 9, Appl
c 616	14.2	0.4	20	1	US-09-357-070-22	Sequence 22, Appl	689	14.2	0.4	20	1	US-09-657-013-6	Sequence 6, Appl
617	14.2	0.4	20	1	US-09-073-465-14	Sequence 14, Appl	c 690	14.2	0.4	20	1	US-09-220-407-233	Sequence 233, Appl

691	14.2	0.4	20	1	US-10-029-517-76	Sequence 76, Appl	764	13.8	0.4	17	1	US-09-476-387-778	Sequence 778, App
c 692	14.2	0.4	20	1	US-10-215-448-55	Sequence 55, Appl	765	13.8	0.4	17	1	US-09-476-387-816	Sequence 816, App
c 693	14.2	0.4	20	1	US-09-758-881-138	Sequence 138, Appl	766	13.8	0.4	17	1	US-09-476-387-834	Sequence 834, App
c 694	14.2	0.4	20	1	US-09-899-440-2	Sequence 2, Appl	767	13.8	0.4	17	1	US-09-401-063-638	Sequence 638, App
c 695	14.2	0.4	20	1	US-09-899-440-2	Sequence 3, Appl	c 767	13.8	0.4	17	1	US-09-827-938-161	Sequence 161, App
c 696	14.2	0.4	20	1	PCT-US93-07370-3	Sequence 3, Appl	768	13.8	0.4	17	1	US-09-827-938-161	Sequence 384, App
c 697	14.2	0.4	20	1	PCT-US93-08101-62	Sequence 62, Appl	769	13.8	0.4	17	1	US-09-827-938-385	Sequence 385, App
c 698	14.2	0.4	20	1	PCT-US94-00185-3	Sequence 3, Appl	770	13.8	0.4	17	1	US-09-827-938-385	Sequence 386, App
c 699	14.2	0.4	20	1	PCT-US94-07770-91	Sequence 91, Appl	771	13.8	0.4	17	1	US-09-827-938-386	Sequence 387, App
c 700	14.2	0.4	23	1	US-09-750-401-20	Sequence 20, Appl	772	13.8	0.4	17	1	US-09-827-938-387	Sequence 2214, App
c 701	14.2	0.4	30	1	US-09-725-265-13	Sequence 13, Appl	773	13.8	0.4	17	1	US-09-866-108A-2214	Sequence 2670, App
c 702	14.2	0.4	30	1	US-09-556-127-13	Sequence 13, Appl	774	13.8	0.4	17	1	US-09-866-108A-2670	Sequence 2776, App
c 703	14.2	0.4	38	1	US-09-619-103-2	Sequence 13, Appl	775	13.8	0.4	17	1	US-09-866-108A-2776	Sequence 2778, App
c 704	14.2	0.4	42	1	US-08-222-177A-340	Sequence 340, Appl	776	13.8	0.4	17	1	US-09-866-108A-2778	Sequence 7842, App
c 705	14.2	0.4	14	1	US-08-222-177A-436	Sequence 436, Appl	777	13.8	0.4	17	1	US-09-866-108A-7842	Sequence 7998, App
c 706	14.2	0.4	15	1	US-09-475-947A-83	Sequence 83, Appl	778	13.8	0.4	17	1	US-09-866-108A-7998	Sequence 8001, App
c 707	14.2	0.4	16	1	PCT-US92-00282-27	Sequence 27, Appl	779	13.8	0.4	17	1	US-09-866-108A-8001	Sequence 8087, App
c 708	14.2	0.4	16	1	US-08-432-871C-52	Sequence 52, Appl	780	13.8	0.4	17	1	US-09-866-108A-8087	Sequence 8725, App
c 709	14.2	0.4	16	1	US-09-371-772B-6067	Sequence 6067, Appl	781	13.8	0.4	17	1	US-09-866-108A-8725	Sequence 8726, App
c 710	14.2	0.4	16	1	US-09-371-772B-6067	Sequence 1667, Appl	782	13.8	0.4	17	1	US-09-866-108A-8726	Sequence 9347, App
c 711	14.2	0.4	17	1	US-08-292-620A-1667	Sequence 1667, Appl	c 783	13.8	0.4	17	1	US-09-866-108A-9347	Sequence 9714, App
c 712	14.2	0.4	17	1	US-09-071-845-1667	Sequence 523, Appl	c 785	13.8	0.4	17	1	US-09-866-108A-9861	Sequence 9861, App
c 713	14.2	0.4	18	1	US-08-649-511A-7	Sequence 7, Appl	c 786	13.8	0.4	17	1	US-09-658-859-3	Sequence 3, Appl
c 714	14.2	0.4	18	1	US-09-344-579-40	Sequence 40, Appl	c 787	13.8	0.4	17	1	US-09-404-912-137	Sequence 197, App
c 715	14.2	0.4	20	1	US-08-473-020A-9	Sequence 9, Appl	788	13.8	0.4	17	1	US-09-404-912-137	Sequence 565, App
c 716	14.2	0.4	20	1	US-08-360-606B-27	Sequence 27, Appl	789	13.8	0.4	18	1	US-07-903-466-6	Sequence 6, Appl
c 717	14.2	0.4	20	1	US-09-490-692-66	Sequence 66, Appl	790	13.8	0.4	18	1	US-08-063-167A-5	Sequence 5, Appl
c 718	14.2	0.4	20	1	US-09-733-294A-86	Sequence 86, Appl	c 791	13.8	0.4	18	1	US-08-063-167A-5	Sequence 5, Appl
c 719	14.2	0.4	27	1	US-09-232-785-359	Sequence 359, Appl	c 792	13.8	0.4	18	1	US-08-007-997A-5	Sequence 39, Appl
c 720	14.2	0.4	39	1	US-08-222-177A-86	Sequence 86, Appl	c 793	13.8	0.4	18	1	US-08-261-822A-39	Sequence 7, Appl
c 721	14.2	0.4	44	1	US-08-222-177A-249	Sequence 249, Appl	794	13.8	0.4	18	1	US-08-366-577-7	Sequence 21, Appl
c 722	13.8	0.4	17	1	US-08-373-124A-1056	Sequence 1056, Appl	c 795	13.8	0.4	18	1	US-08-470-837-21	Sequence 21, Appl
c 723	13.8	0.4	17	1	US-08-435-628-1056	Sequence 1056, Appl	c 796	13.8	0.4	18	1	US-08-523-376-6	Sequence 6, Appl
c 724	13.8	0.4	17	1	US-08-373-124A-1359	Sequence 1359, Appl	c 797	13.8	0.4	18	1	US-08-440-740A-5	Sequence 5, Appl
c 725	13.8	0.4	17	1	US-08-758-306-59	Sequence 59, Appl	c 798	13.8	0.4	18	1	US-08-344-155C-5	Sequence 5, Appl
c 726	13.8	0.4	17	1	US-08-435-628-1359	Sequence 1359, Appl	c 799	13.8	0.4	18	1	US-08-912-128A-33	Sequence 33, Appl
c 727	13.8	0.4	17	1	US-08-435-628-1261	Sequence 1261, Appl	c 800	13.8	0.4	18	1	US-08-819-288-14	Sequence 14, Appl
c 728	13.8	0.4	17	1	US-08-985-162-638	Sequence 638, Appl	c 801	13.8	0.4	18	1	US-09-156-979-8	Sequence 8, Appl
c 729	13.8	0.4	17	1	US-09-270-542-195	Sequence 195, Appl	c 802	13.8	0.4	18	1	US-09-166-203-4	Sequence 4, Appl
c 730	13.8	0.4	17	1	US-08-584-040-2805	Sequence 2805, Appl	c 803	13.8	0.4	18	1	US-08-810-599-19	Sequence 19, Appl
c 731	13.8	0.4	17	1	US-08-584-040-2845	Sequence 2845, Appl	c 804	13.8	0.4	18	1	US-08-982-845B-5	Sequence 5, Appl
c 732	13.8	0.4	17	1	US-08-584-040-2845	Sequence 4205, Appl	c 805	13.8	0.4	18	1	US-09-344-520-40	Sequence 40, Appl
c 733	13.8	0.4	17	1	US-08-584-040-4205	Sequence 4205, Appl	c 806	13.8	0.4	18	1	US-09-339-993-33	Sequence 33, Appl
c 734	13.8	0.4	17	1	US-08-584-040-4206	Sequence 4206, Appl	c 807	13.8	0.4	18	1	US-08-991-525B-5	Sequence 5, Appl
c 735	13.8	0.4	17	1	US-08-584-040-4243	Sequence 4243, Appl	c 808	13.8	0.4	18	1	US-09-085-759-5	Sequence 5, Appl
c 736	13.8	0.4	17	1	US-08-584-040-5714	Sequence 5714, Appl	c 809	13.8	0.4	18	1	US-09-135-021-73	Sequence 73, Appl
c 737	13.8	0.4	17	1	US-08-584-040-5714	Sequence 5728, Appl	c 810	13.8	0.4	18	1	US-09-487-444-36	Sequence 36, Appl
c 738	13.8	0.4	17	1	US-08-584-040-5779	Sequence 5779, Appl	c 811	13.8	0.4	18	1	US-08-974-549A-445	Sequence 445, Appl
c 739	13.8	0.4	17	1	US-08-584-040-5790	Sequence 5780, Appl	c 812	13.8	0.4	18	1	US-09-128-496-5	Sequence 5, Appl
c 740	13.8	0.4	17	1	US-08-584-040-5795	Sequence 5795, Appl	c 813	13.8	0.4	18	1	US-08-071-433-82	Sequence 82, Appl
c 741	13.8	0.4	17	1	US-08-584-040-7597	Sequence 7597, Appl	c 814	13.8	0.4	18	1	US-08-795-473B-10	Sequence 10, Appl
c 742	13.8	0.4	17	1	US-09-474-432B-461	Sequence 461, Appl	c 815	13.8	0.4	18	1	US-09-377-309-4	Sequence 4, Appl
c 743	13.8	0.4	17	1	US-09-474-432B-779	Sequence 778, Appl	c 816	13.8	0.4	18	1	US-09-630-706-64	Sequence 64, Appl
c 744	13.8	0.4	17	1	US-09-474-432B-817	Sequence 817, Appl	c 817	13.8	0.4	18	1	US-09-009-490A-5	Sequence 5, Appl
c 745	13.8	0.4	17	1	US-09-474-432B-835	Sequence 835, Appl	c 818	13.8	0.4	18	1	US-09-341-587-9	Sequence 9, Appl
c 746	13.8	0.4	17	1	US-09-826-630-4	Sequence 4, Appl	c 819	13.8	0.4	18	1	US-08-868-452-21	Sequence 21, Appl
c 747	13.8	0.4	17	1	US-09-371-772B-1329	Sequence 1329, Appl	c 820	13.8	0.4	18	1	US-09-400-348-14	Sequence 14, Appl
c 748	13.8	0.4	17	1	US-09-371-772B-1369	Sequence 1369, Appl	c 821	13.8	0.4	18	1	US-09-439-856-10	Sequence 10, Appl
c 749	13.8	0.4	17	1	US-09-371-772B-1792	Sequence 1792, Appl	c 822	13.8	0.4	18	1	US-09-387-341-69	Sequence 69, Appl
c 750	13.8	0.4	17	1	US-09-371-772B-1973	Sequence 1973, Appl	c 823	13.8	0.4	18	1	US-09-280-030-8	Sequence 8, Appl
c 751	13.8	0.4	17	1	US-09-371-772B-1973	Sequence 2010, Appl	c 824	13.8	0.4	18	1	US-09-280-030-9	Sequence 9, Appl
c 752	13.8	0.4	17	1	US-09-371-772B-2010	Sequence 2597, Appl	c 825	13.8	0.4	18	1	US-09-422-978-4878	Sequence 4878, App
c 753	13.8	0.4	17	1	US-09-371-772B-2597	Sequence 2608, Appl	c 826	13.8	0.4	18	1	US-09-422-978-6580	Sequence 6580, App
c 754	13.8	0.4	17	1	US-09-371-772B-2608	Sequence 2661, Appl	c 827	13.8	0.4	18	1	US-09-422-978-7075	Sequence 7075, App
c 755	13.8	0.4	17	1	US-09-371-772B-2661	Sequence 3391, Appl	c 828	13.8	0.4	18	1	US-09-422-978-7792	Sequence 7792, App
c 756	13.8	0.4	17	1	US-09-371-772B-3391	Sequence 4731, Appl	c 829	13.8	0.4	18	1	US-09-402-181B-445	Sequence 445, App
c 757	13.8	0.4	17	1	US-09-371-772B-4885	Sequence 4885, Appl	c 830	13.8	0.4	18	1	US-09-721-456-445	Sequence 445, App
c 758	13.8	0.4	17	1	US-09-371-772B-6114	Sequence 6114, Appl	c 831	13.8	0.4	18	1	PCT-US93-05794-6	Sequence 6, Appl
c 759	13.8	0.4	17	1	US-09-371-772B-6114	Sequence 6733, Appl	c 832	13.8	0.4	18	1	PCT-US93-08101-5	Sequence 5, Appl
c 760	13.8	0.4	17	1	US-09-371-772B-6733	Sequence 6763, Appl	c 833	13.8	0.4	18	1	PCT-US95-07744A-39	Sequence 39, Appl
c 761	13.8	0.4	17	1	US-09-371-772B-6763	Sequence 6763, Appl	c 834	13.8	0.4	18	1	PCT-US96-00005-7	Sequence 7, Appl
c 762	13.8	0.4	17	1	US-09-476-387-460	Sequence 460, Appl	c 835	13.8	0.4	19	1	US-08-105-168B-9	Sequence 9, Appl
c 763	13.8	0.4	17	1	US-09-476-387-777	Sequence 777, Appl	c 836	13.8	0.4	19	1	US-08-105-168B-10	Sequence 10, Appl

837	13.8	0.4	19	1	US-08-487-759-1	Sequence 1, Appl	910	0.4	45	1	US-08-222-177A-203	Sequence 203, App
c 838	13.8	0.4	19	1	US-08-698-948-9	Sequence 9, Appl	911	0.4	20	1	US-09-280-805-209	Sequence 209, App
c 840	13.8	0.4	19	1	US-08-698-948-10	Sequence 10, Appl	912	0.4	23	1	US-08-211-202-32	Sequence 32, Appl
841	13.8	0.4	19	1	US-08-117-952-62	Sequence 62, Appl	913	0.4	23	1	US-08-307-619-12	Sequence 12, Appl
842	13.8	0.4	19	1	US-08-807-104-1	Sequence 1, Appl	914	0.4	23	1	US-08-350-260A-58	Sequence 58, Appl
843	13.8	0.4	19	1	US-08-807-104-6	Sequence 4, Appl	915	0.4	23	1	US-09-050-783-12	Sequence 12, Appl
844	13.8	0.4	19	1	US-08-807-104-7	Sequence 6, Appl	916	0.4	23	1	US-09-104-337A-58	Sequence 58, Appl
845	13.8	0.4	19	1	US-08-807-104-8	Sequence 7, Appl	917	0.4	23	1	US-10-067-443-35	Sequence 35, Appl
846	13.8	0.4	19	1	US-08-807-104-9	Sequence 8, Appl	918	0.4	23	1	US-10-153-064-35	Sequence 35, Appl
847	13.8	0.4	19	1	US-08-807-104-10	Sequence 9, Appl	919	0.4	29	1	US-09-244-794A-8	Sequence 8, Appl
848	13.8	0.4	19	1	US-08-807-104-13	Sequence 10, Appl	920	0.4	29	1	US-09-007-005-8	Sequence 8, Appl
849	13.8	0.4	19	1	US-08-807-104-14	Sequence 13, Appl	921	0.4	29	1	US-09-247-190-8	Sequence 8, Appl
850	13.8	0.4	19	1	US-08-807-104-15	Sequence 15, Appl	922	0.4	29	1	US-09-244-796-8	Sequence 8, Appl
851	13.8	0.4	19	1	US-08-807-104-16	Sequence 16, Appl	923	0.4	29	1	US-09-238-710-8	Sequence 8, Appl
852	13.8	0.4	19	1	US-08-810-599-53	Sequence 53, Appl	924	0.4	29	1	US-09-282-734-3	Sequence 3, Appl
853	13.8	0.4	19	1	US-08-973-139-1	Sequence 1, Appl	925	0.4	33	1	US-09-061-026-26	Sequence 26, Appl
854	13.8	0.4	19	1	US-08-480-068-1	Sequence 1, Appl	926	0.4	33	1	US-09-466-138-26	Sequence 26, Appl
855	13.8	0.4	19	1	US-08-480-068-4	Sequence 4, Appl	927	0.4	36	1	US-09-462-569B-4	Sequence 4, Appl
856	13.8	0.4	19	1	US-08-480-068-6	Sequence 6, Appl	928	0.4	40	1	US-08-771-624B-1	Sequence 1, Appl
857	13.8	0.4	19	1	US-08-480-068-7	Sequence 7, Appl	929	0.4	40	1	US-08-440-209-4	Sequence 4, Appl
858	13.8	0.4	19	1	US-08-480-068-8	Sequence 8, Appl	930	0.4	40	1	US-08-439-996-4	Sequence 4, Appl
859	13.8	0.4	19	1	US-08-480-068-9	Sequence 9, Appl	931	0.4	43	1	US-08-222-177A-370	Sequence 370, App
860	13.8	0.4	19	1	US-08-480-068-10	Sequence 10, Appl	932	0.4	15	1	PCT-US92-00282-27	Sequence 83, Appl
861	13.8	0.4	19	1	US-08-480-068-13	Sequence 13, Appl	933	0.4	15	1	US-08-153-051B-52	Sequence 27, Appl
862	13.8	0.4	19	1	US-08-480-068-14	Sequence 14, Appl	934	0.4	15	1	US-08-291-932A-378	Sequence 378, App
863	13.8	0.4	19	1	US-08-480-068-15	Sequence 15, Appl	935	0.4	15	1	US-08-060-952C-51	Sequence 51, Appl
864	13.8	0.4	19	1	US-08-480-068-16	Sequence 16, Appl	936	0.4	15	1	US-08-363-240A-58	Sequence 58, Appl
c 865	13.8	0.4	19	1	US-09-338-907-371	Sequence 371, App	937	0.4	15	1	US-08-363-240A-575	Sequence 575, App
c 866	13.8	0.4	19	1	US-09-218-207-371	Sequence 371, App	938	0.4	15	1	US-08-311-486C-174	Sequence 174, App
867	13.8	0.4	19	1	US-08-973-137-1	Sequence 1, Appl	939	0.4	15	1	US-08-151-477A-52	Sequence 52, Appl
868	13.8	0.4	19	1	US-08-973-137-4	Sequence 4, Appl	940	0.4	15	1	US-08-819-867-79	Sequence 79, Appl
869	13.8	0.4	19	1	US-08-973-137-6	Sequence 6, Appl	941	0.4	15	1	US-08-584-040-8461	Sequence 8461, Ap
870	13.8	0.4	19	1	US-08-973-137-7	Sequence 7, Appl	942	0.4	15	1	US-08-464-011B-51	Sequence 51, Appl
871	13.8	0.4	19	1	US-08-973-137-8	Sequence 8, Appl	943	0.4	15	1	US-09-378-535-79	Sequence 79, Appl
872	13.8	0.4	19	1	US-08-973-137-9	Sequence 9, Appl	944	0.4	15	1	US-09-371-772B-4116	Sequence 4116, Ap
873	13.8	0.4	19	1	US-08-973-137-10	Sequence 10, Appl	c 945	0.4	15	1	5194376-8	Patent No. 5194376
874	13.8	0.4	19	1	US-08-973-137-13	Sequence 13, Appl	946	0.4	16	1	US-07-977-284A-22	Sequence 22, Appl
875	13.8	0.4	19	1	US-08-973-137-14	Sequence 14, Appl	947	0.4	16	1	US-08-256-426B-22	Sequence 22, Appl
876	13.8	0.4	19	1	US-08-973-137-15	Sequence 15, Appl	948	0.4	16	1	US-09-829-855-17	Sequence 17, Appl
877	13.8	0.4	19	1	US-08-973-137-16	Sequence 16, Appl	949	0.4	16	1	US-09-829-855-19	Sequence 19, Appl
878	13.8	0.4	19	1	US-09-302-681-49	Sequence 49, Appl	c 950	0.4	16	1	US-09-479-005A-282	Sequence 282, App
c 879	13.8	0.4	19	1	US-09-302-681-50	Sequence 50, Appl	951	0.4	17	1	US-08-152-313-18	Sequence 18, Appl
c 880	13.8	0.4	19	1	US-09-018-125-9	Sequence 9, Appl	952	0.4	17	1	US-08-222-616-1	Sequence 1, Appl
881	13.8	0.4	19	1	US-09-475-947A-217	Sequence 217, App	c 953	0.4	17	1	US-08-373-124A-1058	Sequence 1058, Ap
882	13.8	0.4	19	1	US-09-136-080B-12	Sequence 12, Appl	954	0.4	17	1	US-08-373-124A-1691	Sequence 1691, Ap
883	13.8	0.4	19	1	US-09-136-080B-26	Sequence 26, Appl	955	0.4	17	1	US-08-579-223-18	Sequence 18, Appl
c 884	13.8	0.4	19	1	US-09-422-978-4380	Sequence 4380, Ap	c 956	0.4	17	1	US-08-758-306-323	Sequence 323, App
c 885	13.8	0.4	19	1	US-09-422-978-4817	Sequence 4817, Ap	957	0.4	17	1	US-08-435-628-1058	Sequence 1058, App
c 886	13.8	0.4	19	1	US-09-422-978-5699	Sequence 5699, Ap	c 958	0.4	17	1	US-08-435-628-1691	Sequence 1691, Ap
c 887	13.8	0.4	19	1	US-09-422-978-6340	Sequence 6340, Ap	959	0.4	17	1	US-08-292-620A-1715	Sequence 1715, Ap
c 888	13.8	0.4	19	1	US-09-672-717-3	Sequence 3, Appl	960	0.4	17	1	US-08-292-620A-1824	Sequence 1824, Ap
889	13.8	0.4	19	1	US-09-696-791-335	Sequence 335, App	961	0.4	17	1	US-08-292-620A-1862	Sequence 1862, Ap
890	13.8	0.4	19	1	US-09-696-791-348	Sequence 348, App	962	0.4	17	1	US-08-292-620A-1918	Sequence 1918, Ap
891	13.8	0.4	19	1	US-09-696-791-1836	Sequence 1836, Ap	963	0.4	17	1	US-08-292-620A-1952	Sequence 1952, Ap
892	13.8	0.4	19	1	US-09-696-791-1837	Sequence 1837, Ap	964	0.4	17	1	US-08-292-620A-2007	Sequence 2007, Ap
c 893	13.8	0.4	19	1	US-09-696-791-2124	Sequence 2124, Ap	965	0.4	17	1	US-08-292-620A-2009	Sequence 2009, Ap
c 894	13.8	0.4	19	1	US-09-696-791-2313	Sequence 2313, Ap	966	0.4	17	1	US-08-173-489C-96	Sequence 96, Appl
c 895	13.8	0.4	19	1	PCT-US96-08320-1	Sequence 1, Appl	c 967	0.4	17	1	US-08-985-090-20	Sequence 20, Appl
896	13.8	0.4	19	1	PCT-US96-08330-1	Sequence 1, Appl	968	0.4	17	1	US-09-165-543-21	Sequence 21, Appl
897	13.8	0.4	26	1	US-08-621-914A-2	Sequence 2, Appl	969	0.4	17	1	US-09-071-845-1715	Sequence 1715, Ap
898	13.8	0.4	26	1	US-08-873-437-2	Sequence 2, Appl	970	0.4	17	1	US-09-071-845-1824	Sequence 1824, Ap
899	13.8	0.4	26	1	US-09-522-217-39	Sequence 39, Appl	971	0.4	17	1	US-09-071-845-1862	Sequence 1862, Ap
900	13.8	0.4	26	1	US-09-593-312-2	Sequence 2, Appl	972	0.4	17	1	US-09-071-845-1918	Sequence 1918, Ap
901	13.8	0.4	26	1	US-09-523-246-39	Sequence 39, Appl	973	0.4	17	1	US-09-071-845-1952	Sequence 1952, Ap
902	13.8	0.4	26	1	US-09-658-077-1	Sequence 1, Appl	974	0.4	17	1	US-09-071-845-2007	Sequence 2007, Ap
903	13.8	0.4	26	1	US-10-295-723-39	Sequence 39, Appl	975	0.4	17	1	US-09-071-845-2009	Sequence 2009, Ap
c 904	13.8	0.4	30	1	US-09-648-040-4	Sequence 4, Appl	976	0.4	17	1	US-08-446-648-1	Sequence 1, Appl
905	13.8	0.4	42	1	US-09-244-794A-12	Sequence 12, Appl	977	0.4	17	1	US-08-584-040-4209	Sequence 4209, Ap
906	13.8	0.4	42	1	US-09-244-794A-13	Sequence 13, Appl	978	0.4	17	1	US-08-584-040-5561	Sequence 5561, Ap
907	13.8	0.4	42	1	US-09-247-190-12	Sequence 12, Appl	979	0.4	17	1	US-08-584-040-7350	Sequence 7350, Ap
c 908	13.8	0.4	42	1	US-09-238-710-12	Sequence 12, Appl	c 980	0.4	17	1	US-08-584-040-7396	Sequence 7396, Ap
c 909	13.8	0.4	45	1	US-09-827-289-18	Sequence 18, Appl	981	0.4	17	1	US-08-809-713-3	Sequence 3, Appl
							982	0.4	17	1		

983	13.4	0.4	17	1	US-09-370-644B-21	Sequence 21, Appl	1056	13.4	0.4	18	1	US-09-552-204A-14	Sequence 14, Appl
984	13.4	0.4	17	1	US-09-474-432B-736	Sequence 649, App	1057	13.4	0.4	18	1	US-09-232-785-391	Sequence 391, App
985	13.4	0.4	17	1	US-09-474-432B-736	Sequence 736, App	1058	13.4	0.4	18	1	US-09-232-785-392	Sequence 392, App
986	13.4	0.4	17	1	US-09-371-772B-1376	Sequence 1976, Ap	1059	13.4	0.4	18	1	US-09-663-667-52	Sequence 52, Appl
987	13.4	0.4	17	1	US-09-371-772B-2451	Sequence 2451, Ap	1060	13.4	0.4	18	1	PCT-US95-00464-1	Sequence 1, Appl
988	13.4	0.4	17	1	US-09-371-772B-3159	Sequence 3159, Ap	1061	13.4	0.4	19	1	US-08-127-958-7	Sequence 7, Appl
989	13.4	0.4	17	1	US-09-371-772B-3204	Sequence 3204, Ap	1062	13.4	0.4	19	1	US-08-605-089-3	Sequence 3, Appl
990	13.4	0.4	17	1	US-09-371-772B-6200	Sequence 6200, Ap	1063	13.4	0.4	19	1	US-08-748-591-21	Sequence 21, Appl
991	13.4	0.4	17	1	US-09-476-387-648	Sequence 648, App	1064	13.4	0.4	19	1	US-08-850-993-19	Sequence 19, Appl
992	13.4	0.4	17	1	US-09-476-387-735	Sequence 735, App	1065	13.4	0.4	19	1	US-09-025-769B-335	Sequence 335, App
993	13.4	0.4	17	1	US-09-382-610-1	Sequence 1, Appl	1066	13.4	0.4	19	1	US-09-144-367-49	Sequence 49, Appl
994	13.4	0.4	17	1	US-09-866-108A-1536	Sequence 1536, Ap	1067	13.4	0.4	19	1	US-09-490-070A-335	Sequence 335, App
995	13.4	0.4	17	1	US-09-866-108A-1537	Sequence 1537, Ap	1068	13.4	0.4	19	1	US-09-490-153-335	Sequence 335, App
996	13.4	0.4	17	1	US-09-866-108A-1538	Sequence 1538, Ap	1069	13.4	0.4	19	1	US-09-696-791-325	Sequence 325, App
997	13.4	0.4	17	1	US-09-866-108A-2001	Sequence 2001, Ap	1070	13.4	0.4	19	1	US-09-696-791-3393	Sequence 3393, Ap
998	13.4	0.4	17	1	US-09-866-108A-2004	Sequence 2004, Ap	1071	13.4	0.4	19	1	US-09-798-743-30	Sequence 30, Appl
999	13.4	0.4	17	1	US-09-866-108A-2007	Sequence 2007, Ap	1072	13.4	0.4	24	1	US-09-475-947A-134	Sequence 134, App
1000	13.4	0.4	17	1	US-09-866-108A-2777	Sequence 2777, Ap	1073	13.4	0.4	26	1	US-08-910-632-5	Sequence 5, Appl
1001	13.4	0.4	17	1	US-09-866-108A-2779	Sequence 2779, Ap	1074	13.4	0.4	26	1	US-08-805-631A-5	Sequence 5, Appl
1002	13.4	0.4	17	1	US-09-866-108A-2780	Sequence 2780, Ap	1075	13.4	0.4	26	1	US-09-569-344-5	Sequence 5, Appl
1003	13.4	0.4	17	1	US-09-866-108A-6253	Sequence 6253, Ap	1076	13.4	0.4	27	1	US-09-325-554-18	Sequence 18, Appl
1004	13.4	0.4	17	1	US-09-866-108A-6254	Sequence 6254, Ap	1077	13.4	0.4	27	1	US-10-102-720-18	Sequence 18, Appl
1005	13.4	0.4	17	1	US-09-866-108A-6255	Sequence 6255, Ap	1078	13.4	0.4	29	1	US-08-910-632-6	Sequence 6, Appl
1006	13.4	0.4	17	1	US-09-866-108A-7843	Sequence 7843, Ap	1079	13.4	0.4	29	1	US-09-569-344-6	Sequence 6, Appl
1007	13.4	0.4	17	1	US-09-866-108A-7844	Sequence 7844, Ap	1080	13.4	0.4	29	1	US-09-750-401-18	Sequence 18, Appl
1008	13.4	0.4	17	1	US-09-866-108A-7994	Sequence 7994, Ap	1081	13.4	0.4	32	1	US-10-003-998A-4	Sequence 4, Appl
1009	13.4	0.4	17	1	US-09-866-108A-9862	Sequence 9862, Ap	1082	13.4	0.4	42	1	US-08-222-177A-53	Sequence 53, Appl
1010	13.4	0.4	17	1	US-09-866-108A-9863	Sequence 9863, Ap	1083	13.4	0.4	46	1	US-09-644-827B-10	Sequence 10, Appl
1011	13.4	0.4	17	1	US-09-404-912-564	Sequence 564, App	1084	13.2	0.3	46	1	US-08-105-483-86	Sequence 86, Appl
1012	13.4	0.4	17	1	US-09-772-813A-6	Sequence 6, Appl	1085	13.2	0.3	18	1	US-08-050-232-11	Sequence 11, Appl
1013	13.4	0.4	17	1	PCT-US94-12947A-18	Sequence 18, Appl	1086	13.2	0.3	18	1	US-08-388-381-29	Sequence 29, Appl
1014	13.4	0.4	17	1	PCT-US95-04228-1	Sequence 1, Appl	1087	13.2	0.3	18	1	US-08-145-704-42	Sequence 42, Appl
1015	13.4	0.4	18	1	US-08-105-483-197	Sequence 197, App	1088	13.2	0.3	18	1	US-08-145-704-43	Sequence 43, Appl
1016	13.4	0.4	18	1	US-08-220-151-78	Sequence 78, Appl	1089	13.2	0.3	18	1	US-08-349-696-11	Sequence 11, Appl
1017	13.4	0.4	18	1	US-08-349-696-9	Sequence 9, Appl	1090	13.2	0.3	18	1	US-08-233-009-11	Sequence 11, Appl
1018	13.4	0.4	18	1	US-08-233-009-9	Sequence 9, Appl	1091	13.2	0.3	18	1	US-08-233-009-32	Sequence 32, Appl
1019	13.4	0.4	18	1	US-08-317-431A-8	Sequence 8, Appl	1092	13.2	0.3	18	1	US-08-233-009-41	Sequence 41, Appl
1020	13.4	0.4	18	1	US-08-413-118-78	Sequence 78, Appl	1093	13.2	0.3	18	1	US-08-709-209-86	Sequence 86, Appl
1021	13.4	0.4	18	1	US-08-224-657-54	Sequence 54, Appl	1094	13.2	0.3	18	1	US-08-458-101-86	Sequence 86, Appl
1022	13.4	0.4	18	1	US-08-709-209-197	Sequence 197, App	1095	13.2	0.3	18	1	US-08-758-306-515	Sequence 515, App
1023	13.4	0.4	18	1	US-08-458-101-197	Sequence 197, App	1096	13.2	0.3	18	1	US-08-758-306-547	Sequence 547, App
1024	13.4	0.4	18	1	US-08-466-033-236	Sequence 236, App	1097	13.2	0.3	18	1	US-08-758-306-587	Sequence 587, App
1025	13.4	0.4	18	1	US-08-560-231-9	Sequence 9, Appl	1098	13.2	0.3	18	1	US-08-758-306-1351	Sequence 1351, Ap
1026	13.4	0.4	18	1	US-08-444-733-236	Sequence 236, App	1099	13.2	0.3	18	1	US-08-311-486C-1074	Sequence 1074, Ap
1027	13.4	0.4	18	1	US-08-184-009-52	Sequence 52, Appl	1100	13.2	0.3	18	1	US-08-311-486C-1141	Sequence 1141, Ap
1028	13.4	0.4	18	1	US-08-464-134-236	Sequence 236, App	1101	13.2	0.3	18	1	US-08-560-231-11	Sequence 11, Appl
1029	13.4	0.4	18	1	US-08-461-361-236	Sequence 236, App	1102	13.2	0.3	18	1	US-08-110-294A-47	Sequence 47, Appl
1030	13.4	0.4	18	1	US-08-417-210A-52	Sequence 52, Appl	1103	13.2	0.3	18	1	US-08-661-767-11	Sequence 11, Appl
1031	13.4	0.4	18	1	US-08-485-910-236	Sequence 236, App	1104	13.2	0.3	18	1	US-08-389-926-47	Sequence 47, Appl
1032	13.4	0.4	18	1	US-08-458-356-52	Sequence 52, Appl	1105	13.2	0.3	18	1	US-08-358-556A-24	Sequence 24, Appl
1033	13.4	0.4	18	1	US-09-161-015-12	Sequence 12, Appl	1106	13.2	0.3	18	1	US-08-649-511A-9	Sequence 9, Appl
1034	13.4	0.4	18	1	US-08-442-809A-56	Sequence 56, Appl	1107	13.2	0.3	18	1	US-08-553-619B-24	Sequence 24, Appl
1035	13.4	0.4	18	1	US-08-442-809A-58	Sequence 58, Appl	1108	13.2	0.3	18	1	US-08-347-563A-29	Sequence 29, Appl
1036	13.4	0.4	18	1	US-09-205-860-74	Sequence 74, Appl	1109	13.2	0.3	18	1	US-09-213-767-9	Sequence 9, Appl
1037	13.4	0.4	18	1	US-08-473-446-78	Sequence 78, Appl	1110	13.2	0.3	18	1	US-08-849-021-76	Sequence 76, Appl
1038	13.4	0.4	18	1	US-09-031-897-10	Sequence 10, Appl	1111	13.2	0.3	18	1	US-08-466-860-51	Sequence 51, Appl
1039	13.4	0.4	18	1	US-09-289-466-11	Sequence 11, Appl	1112	13.2	0.3	18	1	US-09-106-038A-85	Sequence 85, Appl
1040	13.4	0.4	18	1	US-09-289-466-42	Sequence 42, Appl	1113	13.2	0.3	18	1	US-09-339-964-35	Sequence 35, Appl
1041	13.4	0.4	18	1	US-09-080-704A-9	Sequence 9, Appl	1114	13.2	0.3	18	1	US-09-156-807-22	Sequence 22, Appl
1042	13.4	0.4	18	1	US-08-416-544B-13	Sequence 13, Appl	1115	13.2	0.3	18	1	US-08-485-942A-29	Sequence 29, Appl
1043	13.4	0.4	18	1	US-09-071-433-69	Sequence 69, Appl	1116	13.2	0.3	18	1	US-08-765-626-29	Sequence 29, Appl
1044	13.4	0.4	18	1	US-08-460-736-52	Sequence 52, Appl	1117	13.2	0.3	18	1	US-09-143-212-19	Sequence 19, Appl
1045	13.4	0.4	18	1	US-09-142-334-25	Sequence 25, Appl	1118	13.2	0.3	18	1	US-09-143-212-68	Sequence 68, Appl
1046	13.4	0.4	18	1	US-09-354-138-54	Sequence 54, Appl	1119	13.2	0.3	18	1	US-09-163-162-25	Sequence 25, Appl
1047	13.4	0.4	18	1	US-08-584-040-8311	Sequence 8311, Ap	1120	13.2	0.3	18	1	US-09-043-085-6	Sequence 6, Appl
1048	13.4	0.4	18	1	US-09-167-109-129	Sequence 129, App	1121	13.2	0.3	18	1	US-08-472-040A-51	Sequence 51, Appl
1049	13.4	0.4	18	1	US-09-387-341-155	Sequence 155, App	1122	13.2	0.3	18	1	US-09-197-380-10	Sequence 10, Appl
1050	13.4	0.4	18	1	US-09-425-233-4	Sequence 4, Appl	1123	13.2	0.3	18	1	US-09-205-143-24	Sequence 24, Appl
1051	13.4	0.4	18	1	US-09-535-370-52	Sequence 52, Appl	1124	13.2	0.3	18	1	US-08-488-214A-29	Sequence 29, Appl
1052	13.4	0.4	18	1	US-09-422-978-5202	Sequence 5202, Ap	1125	13.2	0.3	18	1	US-08-488-208A-29	Sequence 29, Appl
1053	13.4	0.4	18	1	US-09-422-978-11354	Sequence 11354, A	1126	13.2	0.3	18	1	US-09-213-719-64	Sequence 64, Appl
1054	13.4	0.4	18	1	US-09-371-772B-3969	Sequence 3969, Ap	1127	13.2	0.3	18	1		
1055	13.4	0.4	18	1	US-09-136-159A-52	Sequence 52, Appl	1128	13.2	0.3	18	1		

[illegible]

[illegible]

[illegible]


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RESULT 35
US-08-222-177A-203/c
; Sequence 203, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 45 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd52rs
; US-08-222-177A-203
;
; Query Match 0.9%; Score 32.8; DB 1; Length 45;
; Best Local Similarity 94.4%; Pred. No. 6;
; Matches 34; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2315 GTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2350
Db 36 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 36
US-08-222-177A-180/c
; Sequence 180, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 45 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd52rs
; US-08-222-177A-203
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; Query Match 0.9%; Score 32.8; DB 1; Length 45;
; Best Local Similarity 94.4%; Pred. No. 6;
; Matches 34; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2315 GTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2350
Db 36 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 37
US-08-222-177A-189/c
; Sequence 189, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 180:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 34 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd44rs
; US-08-222-177A-180
;
; Query Match 0.9%; Score 32.4; DB 1; Length 34;
; Best Local Similarity 97.1%; Pred. No. 4.3;
; Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2351
Db 34 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1
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TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 192:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd48rs
US-08-222-177A-192

Query Match 0.8%; Score 31.4; DB 1; Length 34;
Best Local Similarity 97.0%; Pred. No. 6;
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTG 2351
Db 34 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 2

RESULT 51
US-08-222-177A-322/c
Sequence 322, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 322:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd101rs
US-08-222-177A-322

Query Match 0.8%; Score 31.4; DB 1; Length 34;
Best Local Similarity 97.0%; Pred. No. 6;
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTG 2351
Db 34 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 2

RESULT 52
US-08-222-177A-370/c
Sequence 370, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 370:
SEQUENCE CHARACTERISTICS:
LENGTH: 43 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd117rs
US-08-222-177A-370

Query Match 0.8%; Score 31.4; DB 1; Length 43;
Best Local Similarity 97.0%; Pred. No. 8.9;
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTG 2350
Db 43 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 11

RESULT 53
US-08-222-177A-343/c
Sequence 343, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTG 2351
Db 34 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 2

RESULT 52
US-08-222-177A-370/c
Sequence 370, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 370:
SEQUENCE CHARACTERISTICS:
LENGTH: 43 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd117rs
US-08-222-177A-370

Query Match 0.8%; Score 31.4; DB 1; Length 43;
Best Local Similarity 97.0%; Pred. No. 8.9;
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTG 2350
Db 43 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 11

RESULT 53
US-08-222-177A-343/c
Sequence 343, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.

```

; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 343:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd108rs
; US-08-222-177A-343

Query Match      0.8%; Score 30.8; DB 1; Length 42;
Best Local Similarity 83.3%; Pred. No. 10;
Matches 35; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY   2319 GTGTGTTGGTGCCTGCGTGTCGTGTGTCACATCCGC 2360
DB   42 GTGTGTTGGTGTGTGTGTGTGTGTGTATTAGCCAC 1

RESULT 54
US-08-676-279-32
; Sequence 32, Application US/08/676279
; Patent No. 5869247
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MACROPHAGE NUCLEOTIDE SEQUENCE
; NUMBER OF SEQUENCES: 63
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/676,279
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB95/00095
; APPLICATION NUMBER: GB 9400329.7
; FILING DATE: 19-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9422021.7
; FILING DATE: 31-OCT-1994
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double

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[illegible]

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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd57rs
US-08-222-177A-215

Query Match      0.8%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 10;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY    2319 GTGTGTTGGTGCCTGGTGTTGGTG 2349
DB    31 GTGTGTTGGTGCCTGGTGTTGGTG 1

RESULT 59
US-08-222-177A-235/c
; Sequence 235, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (gc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd79rs
US-08-222-177A-271

Query Match      0.8%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 10;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY    2318 TGTGTGTGTGTGCGGTGTGTGTGTGTGT 2348
DB    31 TGTGTGTGTGTGCGGTGTGTGTGTGTGT 1

RESULT 61
US-08-222-177A-352/c
; Sequence 352, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (gc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:

```

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 352:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd111rs
US-08-222-177A-352

Query Match 0.8%; Score 29.4; DB 1; Length 41;
Best Local Similarity 96.8%;
Pred. No. 16;
Matches 30; Conservative 0; Mismatches 1; Indels

Qy 2318 TGTGTGTGTGTGCGTGTGTGTGTGT 2348
|||||
Dd 41 TGTGTGTGTGTGTGTGTGTGTGTGT 11

RESULT 62
US-08-222-177A-355/c
Sequence 355, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dg-gt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100

TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 355:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd111rs
US-08-222-177A-355

Query Match 0.8%; Score 29.4; DB 1; Length 41;
Best Local Similarity 96.8%; Pred. No. 16;
Matches 30; Conservative 0; Mismatches 1; Indels

[illegible]

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RESULT 63
US-08-222-177A-331/c
; Sequence 331, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (GC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222.177A

```

Query Match 0.8%; Score 29; DB 1; Length 39;
Best Local Similarity 86.5%; Pred. No. 17;
Matches 32; Conservative 0; Mismatches 5; Indels


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; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,856
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-689-856-25

Query Match 0.7%; Score 27.4; DB 1; Length 29;
Best Local Similarity 96.8%; Pred. No. 18;
Matches 28; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2347
Db 29 GTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 70
US-08-222-177A-451/c
; Sequence 451, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106

```

```

; TELEX:
; INFORMATION FOR SEQ ID NO: 451:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-222-177A-451

Query Match 0.7%; Score 26.4; DB 1; Length 28;
Best Local Similarity 96.4%; Pred. No. 24;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2346
Db 28 GTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 71
US-08-676-279-33
; Sequence 33, Application US/08676279
; Patent No. 5869247
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MACROPHAGE NUCLEOTIDE SEQUENCE
; NUMBER OF SEQUENCES: 63
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/676,279
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB95/00095
; APPLICATION NUMBER: GB 9400929.7
; FILING DATE: 19-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9422021.7
; FILING DATE: 31-OCT-1994
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 34 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-676-279-33

Query Match 0.7%; Score 26; DB 1; Length 34;
Best Local Similarity 85.3%; Pred. No. 37;
Matches 29; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTGTG 2351
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 34

RESULT 72
US-08-455-627-23/c
; Sequence 23, Application US/08455627
; Patent No. 5571677
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
; TITLE OF INVENTION: Connected Macromolecular Structures
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California

```

FILING DATE: 435
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: US 07/341,562
 APPLICATION NUMBER: 21-APR-1989
 FILING DATE: 30,492
 REGISTRATION NUMBER: 09865,60
 REFERENCE/DOCKET NUMBER: 831-2100
 TELECOMMUNICATION INFORMATION: 831-2106
 TELEPHONE: (608) 831-2106
 TELEFAX: (608) 831-2106
 TELEX: 143:
 INFORMATION FOR SEQ ID NO: 143:

RESULT 75

```
; MOLECULE TYPE: DNA (genomic)
US-08-222-177A-415

Query Match      0.7%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy    2318 TGTGTTGTGTGTGTGCCTGTGTGTGTGTGTG 2347
       |||||||
Db    30  TGTTGTGTGTGTGTCTGTCTGTGTGTGTG 1

RESULT 77
US-07-997-133-4/c
; Sequence 4, Application US/07997133
; Patent No. 5288855
; GENERAL INFORMATION:
; APPLICANT: Bergonzoni, Laura
; APPLICANT: Mazue, Guy
; APPLICANT: Isacchi, Antonella
; APPLICANT: Roncucci, Romeo
; APPLICANT: Sarmientos, Paolo
; TITLE OF INVENTION: Extracellular Form of the Human
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ATTORNEY: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/997,133
; FILING DATE: 28-DEC-1992
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/642,755
; FILING DATE: 18-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5288855man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 769-226-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-997-133--4

Query Match      0.6%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 68;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy    1963 TGTTCGATCGCCGCCCTCCCCAGAGCCC 1992
       |||||||
Db    30  TGTTGGCATGCA GTG C C C T C A C A G A C C C 1

RESULT 78
US-07-997-133-4/c
; Sequence 4, Application US/07997133
```

```
/
/ GENERAL INFORMATION:
/ APPLICANT: Bergonzoni, Laura
/ APPLICANT: Mazue, Guy
/ APPLICANT: Isacchi, Antonella
/ APPLICANT: Roncucci, Romeo
/ APPLICANT: Sarmientos, Paolo
/ TITLE OF INVENTION: Extracellular Form of the Human
/ TITLE OF INVENTION: Fibroblast Growth Factor Receptor
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSEE: P.C.
/ STREET: 1755 Jefferson Davis Highway, Fourth Floor
/ CITY: Arlington
/ STATE: Virginia
/ ZIP: 22202
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ CURRENT APPLICATION DATA:
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ FILING DATE: 28-DEC-1992
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/07/642,755
/ FILING DATE: 18-JAN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Oblon, Norman F.
/ REGISTRATION/DOCKET NUMBER: 24,618
/ REFERENCE/DOCKET NUMBER: 769-226-0
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)521-4500
/ TELEFAX: (703)486-2347
/ TELEX: 248855 OPAT UR
/
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 30 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/
/ US-07-997-133-4
/
/ Query Match 0.6%; Score 23.6; DB 1; Length 30;
/ Best Local Similarity 86.7%; Pred. No. 68;
/ Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
/
/ QY 1963 TGCTGCATGCCGCGCCCTCCACAGAGCCC 1992
/
/ Db 30 TGTGCGTCAGTCGCGCCCTCCACAGAGCCC 1
/
/ RESULT 79
/ US-08-222-177A-146/c
/ Sequence 146, Application US/08222177A
/ Patent No. 5582979
/ GENERAL INFORMATION:
/ APPLICANT: Weber, James L.
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
/ TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
/ NUMBER OF SEQUENCES: 460
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: DeWitt Ross & Stevens, S.C.
/ STREET: 8000 Excelsior Drive, Suite 401
/ CITY: Madison
/ STATE: Wisconsin
/ COUNTRY: USA
/ ZIP: 53717-1914
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION/DOCKET NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION/DOCKET NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION/DOCKET NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/
/ INFORMATION FOR SEQ ID NO: 146:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 25 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: mfd32rs
/
/ US-08-222-177A-146
/
/ Query Match 0.6%; Score 23.4; DB 1; Length 25;
/ Best Local Similarity 96.0%; Pred. No. 54;
/ Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2342
/
/ Db 25 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1
/
/ RESULT 80
/ US-08-222-177A-312/c
/ Sequence 312, Application US/08222177A
/ Patent No. 5582979
/ GENERAL INFORMATION:
/ APPLICANT: Weber, James L.
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
/ TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
/ NUMBER OF SEQUENCES: 460
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: DeWitt Ross & Stevens, S.C.
/ STREET: 8000 Excelsior Drive, Suite 401
/ CITY: Madison
/ STATE: Wisconsin
/ COUNTRY: USA
/ ZIP: 53717-1914
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION/DOCKET NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/
```

```

RESULT 82
US-09-383-630-12
; Sequence 12, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yayon et al.
; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
; FACTOR RECEPTOR ASSOCIATED
; CHONDRODYSPLASIA
;
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 2001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-8907X
; OPERATING SYSTEM: MS DOS version 6.2,
; Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted
; to an ASCII file
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/383,630A
; FILING DATE: 26-Aug-1999
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 1402/2
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-562553
; TELEFAX: 972-3-562554
; TELEX: <Unknown>
;
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-383-630-12

Query Match 0.6%; Score 22.4; DB 1; Length 32;
Best Local Similarity 81.2%; Pred.No.1.le+02;
Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 222 GGCCTTACTGACACGGCCCGAGCGATGG 253
||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1 GGCTCTTATTGACTCGCCCGAGCGAATGG 32

RESULT 83
US-09-099-749-8/c
; Sequence 8, Application US/09099749B
; Patent No. 6306591
; GENERAL INFORMATION:
; APPLICANT: Utah State University
; TITLE OF INVENTION: Screening For The Molecular Defect Causing Spider Lamb
; TITLE OF INVENTION: Syndrome In Sheep
; FILE REFERENCE: 3706US
; CURRENT APPLICATION NUMBER: US/09/099,749B
; CURRENT FILING DATE: 1998-06-18
; EARLIER APPLICATION NUMBER: 60/050,127
; EARLIER FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Corel WordPerfect 8.0

```

```

; SEQ ID NO 8
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer used in
; OTHER INFORMATION: amplification of ovine FGFR3
US-09-099-749-8

```

```

Query Match          0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 70;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1985 AGAGGCCACCTTCAAGCAGCT 2006
DB 22 AGAGGCCACCTTCAAGCAGCT 1

```

```

RESULT 84
US-09-425-462-21
; Sequence 21, Application US/09425462
; Patent No. 6610540
; GENERAL INFORMATION:
; APPLICANT: Csote, Marie
; APPLICANT: Doyle, John
; APPLICANT: Wold, Barbara
; APPLICANT: McKay, Ron
; APPLICANT: Studer, Lorenz
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System
; FILE REFERENCE: seq1st
; CURRENT APPLICATION NUMBER: US/09/425,462
; CURRENT FILING DATE: 1999-10-22
; EARLIER APPLICATION NUMBER: 09/195,569
; EARLIER FILING DATE: 1998-11-18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Forward PCR
; OTHER INFORMATION: primer for FGFR3
US-09-425-462-21

```

```

Query Match          0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 70;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 162 ATCTCGGAGATGACGAGAC 183
DB 1 ATCTCGGAGATGACGAGAC 22

```

```

RESULT 85
US-09-425-462-22/c
; Sequence 22, Application US/09425462
; Patent No. 6610540
; GENERAL INFORMATION:
; APPLICANT: Csote, Marie
; APPLICANT: Doyle, John
; APPLICANT: Wold, Barbara
; APPLICANT: McKay, Ron
; APPLICANT: Studer, Lorenz
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System
; FILE REFERENCE: seq1st
; CURRENT APPLICATION NUMBER: US/09/425,462
; CURRENT FILING DATE: 1999-10-22
; EARLIER APPLICATION NUMBER: 09/195,569
; EARLIER FILING DATE: 1998-11-18
; NUMBER OF SEQ ID NOS: 24

```

```

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Reverse PCR
; OTHER INFORMATION: primer for FGFR3
US-09-425-462-22

```

```

Query Match          0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 70;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 466 GAGACAAAGTTGGCAGCATCC 487
DB 22 GAGACAAAGTTGGCAGCATCC 1

```

```

RESULT 86
US-07-631-717A-5/c
; Sequence 5, Application US/07631717A
; Patent No. 5270197
; GENERAL INFORMATION:
; APPLICANT: Yayon, Avner
; APPLICANT: Ornitz, David M.
; APPLICANT: Klagebrun, Michael
; APPLICANT: Leder, Philip
; TITLE OF INVENTION: SYSTEM FOR ASSAYING BINDING
; TITLE OF INVENTION: TO A HEPARIN-BINDING GROWTH
; TITLE OF INVENTION: FACTOR RECEPTOR
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/631,717A
; Filing Date: 19901220
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul T. Clark
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00383/018001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-631-717A-5

```

```

Query Match          0.6%; Score 22; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1348 GAGATGGAGATGATGAAGATGA 1369

```


Db 28 GAGATCGAGATGATGAAGATGA 7

RESULT 87

US-08-166-717D-5/c

; Sequence 5, Application US/08166717D

; Patent No. 5789182

; GENERAL INFORMATION:

; APPLICANT: Yavon, Avner

; APPLICANT: Ornitz, David M.

; APPLICANT: Klagsbrun, Michael

; APPLICANT: Leder, Philip

; TITLE OF INVENTION: SYSTEM FOR ASSAYING BINDING

; TITLE OF INVENTION: TO A HEPARIN-BINDING GROWTH

; TITLE OF INVENTION: FACTOR RECEPTOR

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Clark & Elbing LLP

; STREET: 176 Federal Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: U.S.A.

; ZIP: 02110

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; COMPUTER: IBM COMPATIBLE

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WordPerfect (Version 7.0)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/166,717D

; FILING DATE: 12/14/93

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/631,717

; FILING DATE: 12/20/90

; ATTORNEY/AGENT INFORMATION:

; NAME: Kristina Bleker-Brady

; REGISTRATION NUMBER: 39,109

; REFERENCE/DOCKET NUMBER: 00383/017002

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 723-4123

; TELEFAX: (617) 723-8962

; TELEX:

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 28

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-166-717D-5

Query Match 0.6%; Score 22; DB 1; Length 28;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1348 GAGATCGAGATGATGAAGATGA 1369

Db 28 GAGATCGAGATGATGAAGATGA 7

RESULT 88

US-08-222-177A-454/c

; Sequence 454, Application US/08222177A

; Patent No. 5582979

; GENERAL INFORMATION:

; APPLICANT: Weber, James L.

; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

; TITLE OF INVENTION: (dc-da)n.(ag-dt)n SEQUENCES AND METHODS OF USING SAME

; NUMBER OF SEQUENCES: 460

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dewitt Ross & Stevens, S.C.

; STREET: 8000 Excelsior Drive, Suite 401

; CITY: Madison

; STATE: Wisconsin

; COUNTRY: USA

; ZIP: 53717-1914

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/222,177A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/341,562

; FILING DATE: 21-APR-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Sara, Charles S.

; REGISTRATION NUMBER: 30,492

; REFERENCE/DOCKET NUMBER: 09865.601

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (608) 831-2100

; TELEFAX: (608) 831-2106

; TELEX:

; INFORMATION FOR SEQ ID NO: 454:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 23 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-222-177A-454

Query Match 0.6%; Score 21.4; DB 1; Length 23;

Best Local Similarity 95.7%; Pred. No. 92;

Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTGTGT 2340

Db 23 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 89

US-08-787-321-22/c

; Sequence 22, Application US/08787321A

; Patent No. 6180777

; GENERAL INFORMATION:

; APPLICANT: Horn, Thomas

; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS

; FILE REFERENCE: (1300)-1199.002

; CURRENT APPLICATION NUMBER: US/08/787,321A

; CURRENT FILING DATE: 1997-01-03

; EARLIER APPLICATION NUMBER: US PROV 60/009,918

; EARLIER FILING DATE: 1996-01-12

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 22

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:

; OTHER INFORMATION: oligonucleotide

US-08-787-321-22

Query Match 0.6%; Score 21.4; DB 1; Length 23;

Best Local Similarity 95.7%; Pred. No. 92;

Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGCGGTGTGTG 2341

Db 23 GTGTGTGTGTGTGTGTGTGTGTG 1

<hr/>					
; TYPE: nucleic acid					
; STRANDEDNESS: single					
; TOPOLOGY: linear					
; MOLECULE TYPE: DNA					
; FEATURE:					
; OTHER INFORMATION: oligonucleotide primer					
US-08-859-998-172					
Query Match 0.6%; Score 21; DB 1; Length 30;					
Best Local Similarity 82.8%; Pred. No. 1.6e+02;					
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;					
Qy 1572 CCAGTGGCCCGGCGCATGGAGTACTTGG 1600					
Db 29 CCAAGTGCTAAGGCATGGAGTTCTTGG 1					
RESULT 92					
US-09-225-928-172/c					
; Sequence 172, Application US/09225928					
; Patent No. 6352829					
; GENERAL INFORMATION:					
; APPLICANT: Chenchik, Alex					
; Jekhadze, George					
; Bibilashvili, Robert					
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL					
; EXPRESSION					
; NUMBER OF SEQUENCES: 1375					
; CORRESPONDENCE ADDRESS:					
; ADDRESSEE: Fish & Richardson, P.C.					
; STREET: 2200 Sand Hill Road, Suite 100					
; CITY: Menlo Park					
; STATE: CA					
; COUNTRY: US					
; ZIP: 94025					
COMPUTER READABLE FORM:					
MEDIUM TYPE: Diskette					
COMPUTER: IBM Compatible					
OPERATING SYSTEM: Windows95					
SOFTWARE: FastSeq for Windows Version 2.0					
CURRENT APPLICATION DATA:					
APPLICATION NUMBER: US/09/225,928					
FILING DATE: 05-Jan-1999					
CLASSIFICATION: <Unknown>					
PRIOR APPLICATION DATA:					
APPLICATION NUMBER: 08/859,998					
FILING DATE: 21-MAY-1997					
ATTORNEY/AGENT INFORMATION:					
NAME: Field, Bret E.					
REGISTRATION NUMBER: 37,620					
REFERENCE/DOCKET NUMBER: 09096/002001					
TELECOMMUNICATION INFORMATION:					
TELEPHONE: 415-322-5070					
TELEFAX: 415-854-0875					
INFORMATION FOR SEQ ID NO: 172:					
SEQUENCE CHARACTERISTICS:					
LENGTH: 30 base pairs					
TYPE: nucleic acid					
STRANDEDNESS: single					
TOPOLOGY: linear					
MOLECULE TYPE: DNA					
FEATURE:					
OTHER INFORMATION: oligonucleotide primer					
SEQUENCE DESCRIPTION: SEQ ID NO: 172:					
US-09-225-928-172					
Query Match 0.6%; Score 21; DB 1; Length 30;					
Best Local Similarity 82.8%; Pred. No. 1.6e+02;					
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;					
Qy 1572 CCAGTGGCCCGGCGCATGGAGTACTTGG 1600					
Db 29 CCAAGTGCTAAGGCATGGAGTTCTTGG 1					
RESULT 91					
US-08-859-998-172/c					
; Sequence 172, Application US/08859998					
; Patent No. 5994076					
; GENERAL INFORMATION:					
; APPLICANT: Chenchik, Alex					
; Jekhadze, George					
; Bibilashvili, Robert					
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL					
; EXPRESSION					
; NUMBER OF SEQUENCES: 1375					
; CORRESPONDENCE ADDRESS:					
; ADDRESSEE: Fish & Richardson, P.C.					
; STREET: 2200 Sand Hill Road, Suite 100					
; CITY: Menlo Park					
; STATE: CA					
; COUNTRY: US					
; ZIP: 94025					
COMPUTER READABLE FORM:					
MEDIUM TYPE: Diskette					
COMPUTER: IBM Compatible					
OPERATING SYSTEM: Windows95					
SOFTWARE: FastSeq for Windows Version 2.0					
CURRENT APPLICATION DATA:					
APPLICATION NUMBER: US/08/859,998					
FILING DATE: 21-MAY-1997					
CLASSIFICATION: 435					
PRIOR APPLICATION DATA:					
APPLICATION NUMBER:					
FILING DATE:					
ATTORNEY/AGENT INFORMATION:					
NAME: Field, Bret E.					
REGISTRATION NUMBER: 37,620					
REFERENCE/DOCKET NUMBER: 09096/002001					
TELECOMMUNICATION INFORMATION:					
TELEPHONE: 415-322-5070					
TELEFAX: 415-854-0875					
INFORMATION FOR SEQ ID NO: 172:					
SEQUENCE CHARACTERISTICS:					
LENGTH: 30 base pairs					
TYPE: nucleic acid					
STRANDEDNESS: single					
TOPOLOGY: linear					
MOLECULE TYPE: DNA					
FEATURE:					
OTHER INFORMATION: oligonucleotide primer					
SEQUENCE DESCRIPTION: SEQ ID NO: 172:					
US-09-225-928-172					
Query Match 0.6%; Score 21; DB 1; Length 30;					
Best Local Similarity 82.8%; Pred. No. 1.6e+02;					
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;					
Qy 1572 CCAGTGGCCCGGCGCATGGAGTACTTGG 1600					
Db 29 CCAAGTGCTAAGGCATGGAGTTCTTGG 1					


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; Sequence 1107, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvilli, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESSES:
; ADDRESSES: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1107:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 1107:
US-09-225-201B-1107
Query Match      0.5%; Score 19.8; DB 1; Length 26;
Best Local Similarity 91.3%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2546 TGGCTGGCCTCTGCTTTGCAC 2568
DB      1 TGGTGGCCTCTACCTTTGCAC 23

RESULT 102
US-08-915-609-1/c
; Sequence 1, Application US/08915609
; Patent No. 6054300
; GENERAL INFORMATION:
; APPLICANT: McKendree Jr., William L.
; TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated
;      DEVELOPMENT OF Nucleic Acid Marker
; FILE REFERENCE: 0115.97
; CURRENT APPLICATION NUMBER: US/08/915,609
; CURRENT FILING DATE: 1997-08-21
; EARLIER APPLICATION NUMBER: 60/028,775
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0 - beta
; SEQ ID NO 1
; LENGTH: 27

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(27)
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(27)
; LOCATION: (1)..(27)
US-08-915-609-1
Query Match      0.5%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2331 GTGCTGTGTGTGTGTGTGTGCA 2353
DB      27 GTGTGTGTGTGTGTGTGTGAA 5

RESULT 103
US-08-859-998-350/c
; Sequence 350, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jokhadze, George
; APPLICANT: Bibilashvilli, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: oligonucleotide primer
US-08-859-998-350
Query Match      0.5%; Score 19.6; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 2.3e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1765 GAGGCCTTGTTCACCGAGTCTACAC 1790
      ||||| || ||||| ||||| |||||
Db 27 GAGGCATTATTGACCGGATCTACAC 2

RESULT 104
US-09-225-928-350/c
; Sequence 350, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;           Jekhade, George
;           Bibilashvilli, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;           EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,928
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 350:
US-09-225-928-350

Query Match 0.5%; Score 19.6; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 2.3e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1765 GAGGCCTTGTTCACCGAGTCTACAC 1790
      ||||| || ||||| ||||| |||||
Db 27 GAGGCATTATTGACCGGATCTACAC 2

RESULT 106
US-08-222-177A-160/c
; Sequence 160, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
;           (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435

QY 1765 GAGGCCTTGTTCACCGAGTCTACAC 1790
      ||||| || ||||| ||||| |||||
Db 27 GAGGCATTATTGACCGGATCTACAC 2

RESULT 105
US-09-225-201B-350/c
; Sequence 350, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;           Jekhade, George
;           Bibilashvilli, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;           EXPRESSION
```

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/341,562
;; FILING DATE: 21-APR-1989
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sara, Charles S.
;; REGISTRATION NUMBER: 30,492
;; REFERENCE/DOCKET NUMBER: 09865.601
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (608) 831-2100
;; TELEFAX: (608) 831-2106
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 160:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; IMMEDIATE SOURCE:
;; CLONE: mfd37rs
;; US-08-222-177A-160

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGT 2338
DB 21 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 107
US-08-471-570-16
; Sequence 16, Application US/08471570
; Patent No. 5750371
; GENERAL INFORMATION:
; APPLICANT: IGARASHI, Koichi
; APPLICANT: SENO, Masaharu
; APPLICANT: WATANABE, Tatsuya
; TITLE OF INVENTION: PROTEIN, DNA AND USE THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; STREET: 130 Water Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,570
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/149,664
; FILING DATE:
; APPLICATION NUMBER: US 07/743369
; FILING DATE: 16-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: LINEK, Ernest V
; REGISTRATION NUMBER: 29822
; REFERENCE/DOCKET NUMBER: 40897
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200231 STRE UR
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:

;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid, synthetic DNA
;; US-08-471-570-16

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1345 TCTGAGATGGAGATGATGAAG 1365
DB 1 TCAGAGATGGAGATGATGAAG 21

RESULT 108
US-08-529-878B-9
; Sequence 9, Application US/08529878B
; Patent No. 5932556
; GENERAL INFORMATION:
; APPLICANT: Tam, Robert C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: REGULATION OF CD28 EXPRESSION
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Crockett & Fish
; STREET: 3000 S. Augusta Court
; CITY: La Habra
; STATE: California
; COUNTRY: United States of America
; ZIP: 90631
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,878B
; FILING DATE: 13-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Fish, Robert D.
; REGISTRATION NUMBER: 33,880
; REFERENCE/DOCKET NUMBER: 213/003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-525-3433
; TELEFAX: 714-525-3303
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-529-878B-9

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGCGTGT 2339
DB 1 GTGTGTGTGTGTGTGTGTGT 21

RESULT 109
US-09-014-241-15
; Sequence 15, Application US/09014241
; Patent No. 618355
; GENERAL INFORMATION:
; APPLICANT: ANDERSSON, Leif


```
; APPLICANT: MOLLER, Maria J
; APPLICANT: WALES, Richard
; APPLICANT: SIGGENS, Kenneth W.
; APPLICANT: PLASTOW, Graham S.
; TITLE OF INVENTION: Methods for Determining the Coat Colour Genotype of a
; TITLE OF INVENTION: Pig
; FILE REFERENCE: 064727.0103
; CURRENT APPLICATION NUMBER: US/09/014,241
; EARLIER FILING DATE: 1998-01-27
; EARLIER APPLICATION NUMBER: PCT/GB96/01794
; EARLIER FILING DATE: 1996-07-24
; EARLIER APPLICATION NUMBER: GB 9515385.4
; EARLIER FILING DATE: 1995-07-27
; EARLIER APPLICATION NUMBER: GB 9525364.7
; EARLIER FILING DATE: 1995-12-12
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0 - beta
; SEQ ID NO 15
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Derivative of
; OTHER INFORMATION: pig sequence
; US-09-014-241-15

Query Match      0.5%; Score 19.4; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1796 AGAGTCAGCTGCTGCTTGGGT 1820
Db 2 AAAGTCAGCTGCTGCTATSGGT 26

RESULT 110
PCT-US92-10792-44
; Sequence 44, Application PC/TUS9210792
; GENERAL INFORMATION:
; APPLICANT: Jayasena, Samedha D.
; APPLICANT: Johnston, Brian H.
; TITLE OF INVENTION: Triple Helix Formation at
; TITLE OF INVENTION: (PunPyn)-(PunPyn) Tracts
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SRI International
; STREET: 333 Ravenswood Avenue
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/10792
; FILING DATE: 19921211
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/826,934
; FILING DATE: 21-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/808,452
; FILING DATE: 13-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: P-3141
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 859-4550
; TELEFAX: (415) 859-3880

; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: FIGURE 14A, TARGET SEQUENCE #8
PCT-US92-10792-44

Query Match      0.5%; Score 19.4; DB 1; Length 26;
Best Local Similarity 95.2%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTG 2339
Db 6 GTGTGTGTGTGTGTGTGTG 26

RESULT 111
US-09-140-378A-3/c
; Sequence 3, Application US/09140378A
; Patent No. 6627733
; GENERAL INFORMATION:
; APPLICANT: Johnson, Jeffrey D.
; APPLICANT: Rutter, William J.
; APPLICANT: Edman, Jeffrey C.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Receptor Tyrosine Kinase With a Discoidin-Type Binding
; TITLE OF INVENTION: Domain
; FILE REFERENCE: 023070-079010US
; CURRENT APPLICATION NUMBER: US/09/140,378A
; CURRENT FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 08/077,254
; PRIOR FILING DATE: 1993-06-14
; PRIOR APPLICATION NUMBER: US 08/292,299
; PRIOR FILING DATE: 1994-08-16
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide
; US-09-140-378A-3

Query Match      0.5%; Score 19; DB 1; Length 24;
Best Local Similarity 69.6%; Pred. No. 2.2e+02;
Matches 16; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1618 CACAGGACCTGCTGCCGCGAA 1640
Db 24 CAYCGSGAYCTGCGCYCGSAA 2

RESULT 112
US-08-478-470-7/c
; Sequence 7, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYZANOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
```

2.

OY 2823 TATATATACATATATATATATA 2844
|||||
Db 22 TATATATAAAAATATATATATA 1

RESULT 114

US-08-214-599-7/c
; Sequence 7, Application US/08214599
; Patent No. 5599922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5

NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2823 TATATATACATATATATATATA 2844
|||||
Db 22 TATATATAAAAATATATATATA 1

RESULT 115

US-08-214-599-9/c
; Sequence 9, Application US/08214599
; Patent No. 5599922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates

```

; NAME/KEY: misc_feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-0214-599-9

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Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels

Qy	2823	TATATATACATATATATATATA	2844
Db	22	TATATATAAAAATATATATATA	1

RESULT 116
US-08-473-015-7/c
; Sequence 7, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide M3'-p5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto

```
Query Match      0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

2823 TATATATACATATATATATA 2844
QY
22 TATATATAAAAAATATATATA 1
Db

RESULT 117
US-08-473-015-9/c
; Sequence 9, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:

NAME/KEY: misc feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
OTHER INFORMATION:
US-08-473-015-9

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATATA 2844
DB 22 TATATATAAAATATATATATA 1

RESULT 118
US-08-465-368-7/c
Sequence 7, Application US/08465368
Patent No. 5726297
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
APPLICANT: Schultz, Ronald G.
APPLICANT: Chen, Jer-kang
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,368
FILING DATE: 05-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/210,505
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0013
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO

REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0013
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-465-368-7

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATATA 2844
DB 22 TATATATAAAATATATATATA 1

RESULT 119
US-08-465-368-9/c
Sequence 9, Application US/08465368
Patent No. 5726297
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
APPLICANT: Schultz, Ronald G.
APPLICANT: Chen, Jer-kang
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,368
FILING DATE: 05-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/210,505
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0013
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO

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ANTI-SENSE: NO
ORIGINAL SOURCE: DNA Oligonucleotide 9, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 11..12
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 13..14
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
US-08-465-368-9
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Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 2823 TATATACATATATATATATA 2844
Db 22 TATATATAAAATATATATA 1
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RESULT 120
US-08-477-306-7/c
Sequence 7, Application US/08477306
Patent No. 5837835
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
```

```
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,306
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,599
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-477-306-7
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Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 2823 TATATACATATATATATATA 2844
Db 22 TATATATAAAATATATATA 1
```

```
RESULT 121
US-08-477-306-9/c
Sequence 9, Application US/08477306
Patent No. 5837835
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5'
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,306
```


Field	Value
NUMBER OF SEQUENCES:	32
CORRESPONDENCE ADDRESS:	
ADDRESSEE:	Dehlinger & Associates
STREET:	P.O. Box 60850
CITY:	Palo Alto
STATE:	CA
COUNTRY:	USA
ZIP:	94306
COMPUTER READABLE FORM:	
MEDIUM TYPE:	Floppy disk
COMPUTER:	IBM PC compatible
OPERATING SYSTEM:	PC-DOS/MS-DOS
SOFTWARE:	PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:	
APPLICATION NUMBER:	US/08/700,448
FILING DATE:	01/10/97
CLASSIFICATION:	435
ATTORNEY/AGENT INFORMATION:	
NAME:	Vincent M. Powers
REGISTRATION NUMBER:	36,246
REFERENCE/DOCKET NUMBER:	5525-0012.10
TELECOMMUNICATION INFORMATION:	
TELEPHONE:	(650) 324-0880
TELEFAX:	(650) 324-0960
INFORMATION FOR SEQ ID NO: 7:	
SEQUENCE CHARACTERISTICS:	
LENGTH:	24 base pairs
TYPE:	nucleic acid
STRANDEDNESS:	both
TOPOLOGY:	linear
MOLECULE TYPE:	DNA
HYPOTHETICAL:	NO
ANTI-SENSE:	NO
ORIGINAL SOURCE:	
INDIVIDUAL ISOLATE:	DNA Oligonucleotide 7, Fig. 5
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	1..2
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	3..4
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	5..6
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	7..8
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	9..10
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	15..16
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	17..18
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	19..20
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	21..22
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	23..24
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
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NAME/KEY:	misc_feature
LOCATION:	23..24
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FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	23..24
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OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
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OTHER INFORMATION:	is "np"
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NAME/KEY:	misc_feature
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OTHER INFORMATION:	/note= "where the intersubunit bond
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LOCATION:	23..24
OTHER INFORMATION:	/note= "where the intersubunit bond
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LOCATION:	23..24
OTHER INFORMATION:	/note= "where the intersubunit bond
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LOCATION:	23..24
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LOCATION:	23..24
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NAME/KEY:	misc_feature
LOCATION:	23..24
OTHER INFORMATION:	/note= "where the intersubunit bond
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NAME/KEY:	misc_feature
LOCATION:	23..24
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NAME/KEY:	misc_feature
LOCATION:	23..24
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NAME/KEY:	misc_feature
LOCATION:	23..24
OTHER INFORMATION:	/note= "where the intersubunit bond
OTHER INFORMATION:	is "np"
FEATURE:	
NAME/KEY:	misc_feature
LOCATION:	23..24
OTHER INFORMATION:	/note= "where the intersubunit bond

QY	2823	TATATATACATATATATATATA	2844
D6	22	TATATATAAAAATATATATATA	1

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RESULT 125
US-08-923-386A-7/c
; Sequence 7, Application US/08923386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/923,386A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 6
US-08-923-386A-7

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATACATATATATATA 2844
Db 22 TATATATAAAATATATATA 1

RESULT 126
US-08-923-386A-9/c
; Sequence 9, Application US/08923386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850

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/ LOCATION: 21...22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 23...24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
US-08-923-386A-9

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844

Db 22 TATATATATATATATATATATA 1

RESULT 127

US-09-097-199-71/c
/ Sequence 71, Application US/09097199
/ Patent No. 6218529
/ GENERAL INFORMATION:
/ APPLICANT: An, Gang
/ APPLICANT: O'Hara, S. Mark
/ APPLICANT: Ralph, David
/ APPLICANT: Veltri, Robert
/ TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
/ TITLE OF INVENTION: PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
/ NUMBER OF SEQUENCES: 87
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/097,199
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/692,787
/ FILING DATE: 31-JUL-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Nakashima, Richard A.
/ REGISTRATION NUMBER: P-42,023
/ REFERENCE/DOCKET NUMBER: UROC:018
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 418-3000
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 71:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-097-199-71

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTGGTGTGTGTGTGTGTGT 2350

Db 22 GTGTGCATGTGTGTGTGTGT 1

RESULT 128

US-09-277-078-39
/ Sequence 39, Application US/09277078
/ Patent No. 6312949
/ GENERAL INFORMATION:
/ APPLICANT: Sakurada, Kazuhiro
/ APPLICANT: Palmer, Theo
/ APPLICANT: Gage, Fred H.
/ TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 07251/031001
/ CURRENT APPLICATION NUMBER: US/09/277,078
/ CURRENT FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 60
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 39
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for PCR
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: n = A, T, G, or C
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: r = G or A
US-09-277-078-39

Query Match 0.5%; Score 18.6; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1345 TCTGAGATGGAGATGATGAA 1364

Db 1 TCTGAGATGGAGATGATGAA 20

RESULT 129

US-08-678-039A-3
/ Sequence 3, Application US/08678039A
/ Patent No. 5858662
/ GENERAL INFORMATION:
/ APPLICANT: Keating, Mark T.
/ APPLICANT: Morris, Colleen A.
/ TITLE OF INVENTION: Diagnosis of Williams Syndrome and
/ TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
/ TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene
/ NUMBER OF SEQUENCES: 42
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Rochwell, Figg, Ernst & Kurz, P.C.
/ STREET: 555 Thirteenth Street, N.W., Suite 701 East
/ CITY: Washington
/ STATE: DC
/ COUNTRY: U.S.A.
/ ZIP: 20004
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/678,039A
/ FILING DATE: 10-JUL-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Saxe, Stephen A.
/ REGISTRATION NUMBER: 38,609
/ REFERENCE/DOCKET NUMBER: 2323-120A

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;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-624-1589
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer sequence"
; US-08-678-039A-3
;
Query Match 0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
QY 1678 GACTTCGGCTGCGCCGGGACGTC 1702
DB 1 GACTTTGGGCTGGCTCGACATGC 25
;
RESULT 130
US-09-827-998-1207
; Sequence 1207, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1207
;
Query Match 0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
QY 2321 GTGTGTGTGTGCGGTGTGTGTG 2345
DB 1 GTGTGTGTGTGAGTGTATTG 25
;
RESULT 131
US-08-863-639A-32/c
; Sequence 32, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueh
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-32
;
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
DB 20 GTGTGTGTGTGTGTGTGTGT 1
;
RESULT 132
US-09-407-675-5/c
; Sequence 5, Application US/09407675
; Patent No. 6169176
; GENERAL INFORMATION:
; APPLICANT: Bruce, Thomas C.
; APPLICANT: Arya, Dev P.
; TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIUREA COMPOUNDS AND USES THEREOF
; FILE REFERENCE: 30448-65US02
; CURRENT APPLICATION NUMBER: US/09/407,675
; CURRENT FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 09/347,443
; PRIOR FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: 60/091,481
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/111,800
; PRIOR FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligo 5
; US-09-407-675-5
;
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
DB 20 TGTGTGTGTGTGTGTGTGTGT 1
;
RESULT 133
US-09-488-671-88/c
; Sequence 88, Application US/09488671A
```

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-180-903-8
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0;

QY 2318 TGTGTGTGTGTGTGTGCGTG 2337
DB 1 TGTGTGTGTGTGTGTGTG 20

RESULT 135
US-08-734-973-29/c
; Sequence 29, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One Mkt Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 29 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-734-973-29
Query Match 0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02; 0; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2316 TCTGTGTGTGTGTGTGTG 2333
DB 18 TCTGTGTGTGTGTGTG 1

RESULT 136
US-09-383-630-11/c
; Sequence 11, Application US/09383630A
; Patent No. 6285632
; GENERAL INFORMATION:
; APPLICANT: Avner Yayon et al.

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; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-529-190B-10

Query Match
Best Local Similarity 0.5%; Score 17.8; DB 1; Length 24;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCCGACCTCCAGTCTCTC 2123
Db 4 CACCCGACCTCCAGTCTCTC 24

RESULT 139
US-09-449-632-17/c
; Sequence 17, Application US/09449632
; Patent No. 6541220
; GENERAL INFORMATION:
; APPLICANT: Jppner, Harald
; APPLICANT: Rubin, David A.
; TITLE OF INVENTION: PTHR and PTHR3 Receptors, Methods and Uses Thereof
; FILE REFERENCE: 0609.4740001/SRL/M-G
; CURRENT APPLICATION NUMBER: US/09/449,632
; CURRENT FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: US 60/110,467
; PRIOR FILING DATE: 1998-11-30
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-449-632-17

Query Match
Best Local Similarity 0.5%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1344 GTCTGAGATGGAGATGATCAAGAT 1367
Db 24 GTCTGAGAGAAGGTCATGAGAT 1

RESULT 140
US-08-678-039A-4/c
; Sequence 4, Application US/08678039A
; Patent No. 5858662
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Morris, Colleen A.
; TITLE OF INVENTION: Diagnosis of Williams Syndrome and
; TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
; TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figs, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N.W., Suite 701 East
; CITY: Washington
; STATE: DC
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/678,039A
; FILING DATE: 10-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Stephen A.
; REGISTRATION NUMBER: 38,609
; REFERENCE/DOCKET NUMBER: 2323-120A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-624-1589
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer sequence"
US-08-678-039A-4

Query Match
Best Local Similarity 0.5%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1744 CCGTGAAGTGGATGGCGCCTGAG 1767
Db 24 CCAGTCAAGTGGATGGCTCCGGAG 1

RESULT 141
US-09-827-998-1204
; Sequence 1204, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1204

Query Match
Best Local Similarity 0.5%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 2 GAGTGTGTGTGTGTGTGTGTGTGTAT 25

RESULT 142
US-09-827-998-1205
; Sequence 1205, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
```

```
/
/ TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
/ FACTOR RECEPTOR ASSOCIATED
/ CHONDRODYSPLASIA
/
/ NUMBER OF SEQUENCES: 18
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
/ STREET: 2001 Jefferson Davis Highway, Suite 207
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: United States of America
/ ZIP: 22202
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
/ COMPUTER: Twinhead* Slimnote-890TX
/ OPERATING SYSTEM: MS DOS version 6.2,
/ SOFTWARE: Word for Windows version 2.0 converted
/ to an ASCII file
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/383,630A
/ FILING DATE: 26-Aug-1999
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: <Unknown>
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Friedman, Mark M.
/ REGISTRATION NUMBER: 33,883
/ REFERENCE/DOCKET NUMBER: 1402/2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 972-3-5625553
/ TELEFAX: 972-3-5625554
/ TELEX: <Unknown>
/
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-383-630-11
Query Match 0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1048 CTGGAGTCCACCGCTCC 1065
Db 18 CTGGAGTCCACCGCTCC 1

RESULT 137
US-08-136-118-10/c
/ Sequence 10, Application US/08136118
/ Patent No. 5580969
/ GENERAL INFORMATION:
/ APPLICANT: HOKE, Glenn D
/ APPLICANT: BRADLEY, Matthews O
/ APPLICANT: WILLIAMS, Taify J
/ APPLICANT: LEE, Che-Hung
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
/ AGAINST HUMAN ICAM-1
/ NUMBER OF SEQUENCES: 15
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Naval Medical Res. & Dev. Cmd.
/ STREET: 8901 Wisconsin Ave.
/ CITY: Bethesda
/ STATE: Maryland
/ COUNTRY: USA
/ ZIP: 20889-5606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/
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/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/136,118
/ FILING DATE:
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/918,259
/ FILING DATE: 24-JUL-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Spevack, A. David
/ REGISTRATION NUMBER: 24,743
/ REFERENCE/DOCKET NUMBER: N.C. 75,776
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 295-6759
/ TELEFAX: (202) 295-1022
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/
/ US-08-136-118-10
Query Match 0.5%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2338
Db 21 TGTGTGTGTGTGTGTGTGT 1

RESULT 138
US-08-529-190B-10
/ Sequence 10, Application US/08529190B
/ Patent No. 5833991
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
/ CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
/ NUMBER OF SEQUENCES: 76
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: Wordperfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/529,190B
/ FILING DATE: 15-SEP-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: SE9501324-9
/ FILING DATE: 10-APR-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US08/522,595
/ FILING DATE: 01-SEP-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen A
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3255/53015
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/
```

```

; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1205
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1205

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GAGTGTGTGTGTGTGTGTGTGTGTGTAT 24

RESULT 143
US-09-827-998-1206
; Sequence 1206, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1206

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGTGTGTGT 2344
Db 2 GTGTGTGTGTGTGTGTGTGTGTGTATT 25

RESULT 144
US-09-827-998-1208
; Sequence 1208, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine

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```

; Patent No. 6656700
; SEQ ID NO 1208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1208

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGTGTGTGTGTGTGTG 2345
Db 1 TGTGTGTGTGTGTGTGTGTGTGTATTG 24

RESULT 145
US-08-222-177A-442/c
; Sequence 442, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n. (dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Demitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 442:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-222-177A-442

Query Match      0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGT 2336
Db 19 TGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 146
US-08-915-609-3/c
; Sequence 3, Application US/08915609

```

Patent No. 6054300
GENERAL INFORMATION:
APPLICANT: McKendree Jr., William L.
TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated
TITLE OF INVENTION: Development of Nucleic Acid Marker
FILE REFERENCE: 0115.97
CURRENT APPLICATION NUMBER: US/08/915,609
EARLIER FILING DATE: 1997-08-21
EARLIER APPLICATION NUMBER: 60/028,775
EARLIER FILING DATE: 1996-08-23
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.0 - beta
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
NAME/KEY: primer bind
LOCATION: (1)..(19)
FEATURE:
NAME/KEY: primer bind
LOCATION: (1)..(19)
US-08-915-609-3

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTG 2333
DB 19 GTGTGTGTGTGTGTG 1

RESULT 147
US-08-915-609-4
Sequence 4, Application US/08915609
Patent No. 6054300
GENERAL INFORMATION:
APPLICANT: McKendree Jr., William L.
TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated
TITLE OF INVENTION: Development of Nucleic Acid Marker
FILE REFERENCE: 0115.97
CURRENT APPLICATION NUMBER: US/08/915,609
EARLIER FILING DATE: 1997-08-21
EARLIER APPLICATION NUMBER: 60/028,775
EARLIER FILING DATE: 1996-08-23
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.0 - beta
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
NAME/KEY: primer bind
LOCATION: (1)..(19)
FEATURE:
NAME/KEY: primer bind
LOCATION: (1)..(19)
US-08-915-609-4

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTG 2333
DB 1 GTGTGTGTGTGTGTG 19

RESULT 148
US-09-696-791-3392
Sequence 3392, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3392
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3392

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2550 TCGGCTCTGCTTTGCAC 2568
DB 1 TCGGCTCTACCTTTGCAC 19

RESULT 149
US-08-427-863-7
Sequence 7, Application US/08427863
Patent No. 5593834
GENERAL INFORMATION:
APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
APPLICANT: FALDASZ, Brian D.
TITLE OF INVENTION: METHOD OF PREPARING DNA SEQUENCES WITH KNOWN
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/427,863
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,759
FILING DATE: 17 JUNE 1993
ATTORNEY/AGENT INFORMATION:
NAME: Paul Louis Myers
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: TMI-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-4951
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-427-863-7

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481
|||||
Db 2 TATATAGCTATATAT 20

RESULT 150

US-08-427-863-7/c
; Sequence 7, Application US/08427863
; Patent No. 5593834
; GENERAL INFORMATION:
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
; APPLICANT: FALDASZ, Brian D.
; TITLE OF INVENTION: METHOD OF PREPARING DNA SEQUENCES WITH KNOWN

; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/427,863
; FILING DATE:

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17 JUNE 1993
; ATTORNEY/AGENT INFORMATION:

; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951

; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

US-08-427-863-7

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481
|||||
Db 19 TATATAGCTATATAT 1

RESULT 151

US-08-763-417-6
; Sequence 6, Application US/08763417
; Patent No. 6027884
; GENERAL INFORMATION:
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
; APPLICANT: FALDASZ, Brian D.
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; NUCLEIC ACID SEQUENCES

; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/763,417
; FILING DATE:

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/260,200
; FILING DATE: 17-JUN-1994
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951

; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

US-08-763-417-6

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481
|||||
Db 2 TATATAGCTATATAT 20

RESULT 152

US-08-763-417-6/c
; Sequence 6, Application US/08763417
; Patent No. 6027884
; GENERAL INFORMATION:
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
; APPLICANT: FALDASZ, Brian D.
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; NUCLEIC ACID SEQUENCES

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

```
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/763,417
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/260,200
; FILING DATE: 17-JUN-1994
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-763-417-6

Query Match          0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481
DB 19 TATATATAGCTATATAT 1

RESULT 153
US-09-488-671-120
; Sequence 120, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-488-671-120

Query Match          0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGCGTGTGTGTG 2343
DB 1 GTGTGTGTGAGTGTGTGTG 19

RESULT 154
PCT-US94-06799-6
```

```
; Sequence 6, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-US94-06799-6

Query Match          0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATAT 3481
DB 2 TATATATAGCTATATATAT 20

RESULT 155
PCT-US94-06799-6/c
; Sequence 6, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TM1-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
PCT-US94-06799-6

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATAT 3481
Db 19 TATATATAGCTATATAT 1

RESULT 156
US-09-314-246-1
; Sequence 1, Application US/09314246
; Patent No. 6180349
; GENERAL INFORMATION:
; APPLICANT: Ginzinger, David G.
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Jensen, Ronald H.
; APPLICANT: Gray, Joe W.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: A Quantitative PCR Method to Enumerate DNA Copy Number
; FILE REFERENCE: 2307AA-096200US
; CURRENT APPLICATION NUMBER: US/09/314,246
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:TW-TaqMan
; OTHER INFORMATION: dual-labeled fluorogenic oligonucleotide probe
; OTHER INFORMATION: complementary to amplification products of
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: 5'-t attached to 6-carboxy fluorescein (FAM)
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: 3'-t attached to 6-carboxy tetramethyl rhodamine
; OTHER INFORMATION: (TAMRA)
US-09-314-246-1

Query Match 0.5%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTG 2333
Db 2 GTGTGTGTGTGTGTGTG 20

RESULT 157
US-09-314-246-2
; Sequence 2, Application US/09314246
; Patent No. 6180349
; GENERAL INFORMATION:
```

```
; APPLICANT: Ginzinger, David G.
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Jensen, Ronald H.
; APPLICANT: Gray, Joe W.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: A Quantitative PCR Method to Enumerate DNA Copy Number
; FILE REFERENCE: 2307AA-096200US
; CURRENT APPLICATION NUMBER: US/09/314,246
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:TW-TaqMan
; OTHER INFORMATION: dual-labeled fluorogenic oligonucleotide probe
; OTHER INFORMATION: complementary to amplification products of
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: 5'-t attached to reporter dye
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: 3'-t attached to quenching dye
US-09-314-246-2

Query Match 0.5%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTG 2333
Db 2 GTGTGTGTGTGTGTGTG 20

RESULT 158
US-09-725-265-4
; Sequence 4, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:..
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 159
US-09-725-265-10
; Sequence 10, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 19953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 160
US-09-556-127-4
; Sequence 4, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 161
US-09-556-127-10
; Sequence 10, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 162
US-09-099-749-3
; Sequence 3, Application US/09099749B
; Patent No. 6306591
; GENERAL INFORMATION:
; APPLICANT: Utah State University
; TITLE OF INVENTION: Screening For The Molecular Defect Causing Spider Lamb
; TITLE OF INVENTION: Syndrome In Sheep
; FILE REFERENCE: 3706US
; CURRENT APPLICATION NUMBER: US/09/099,749B
; CURRENT FILING DATE: 1998-06-18
; EARLIER APPLICATION NUMBER: 60/050,127
; EARLIER FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Corel WordPerfect 8.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Sheep
US-09-099-749-3

Query Match 0.5%; Score 17.2; DB 1; Length 22;

Best Local Similarity 86.4%; Pred. No. 3.4e+02; Mismatches 3; Indels 0; Gaps 0;

QY 1852 TCCCGTACCCCGGCGATCCCTG 1873
Db 1 TCGCCGTACCTGGCATCCCG 22

RESULT 163
US-08-211-202-32
; Sequence 32, Application US/08211202
; Patent No. 5565332
; GENERAL INFORMATION:
; APPLICANT: HOOGENBOOM, Hendricus Renerus Jacobus Matteus
; APPLICANT: BAIER, Michael
; APPLICANT: JESPER, Laurent Stephane Anne Therese
; APPLICANT: WINTER, Gregory Paul
; TITLE OF INVENTION: Production of chimeric antibodies - a
; NUMBER OF INVENTIONS: 14
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &
; ADDRESSEE: Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/211,202
; FILING DATE: 23-SEP-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9120252.3
; FILING DATE: 23-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9120377.8
; FILING DATE: 25-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206318.9
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206372.6
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/00883
; FILING DATE: 15-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: David W. Clough
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28111/31960
; TELEPHONE: 312-474-6300
; TELEFAX: 312-474-0448
; TELEX: -25-3856
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-211-202-32

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGCTG 874
Db 1 GAGGTGACAGCTGGTGGAGTCTG 22

RESULT 164
US-08-222-616-2/c
; Sequence 2, Application US/08222616
; Patent No. 5635177
; GENERAL INFORMATION:
; APPLICANT: Bennett, Brian D.
; APPLICANT: Goeddel, David
; APPLICANT: Lee, James M.
; APPLICANT: Matthews, William
; APPLICANT: Tsai, Siao Ping
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST
; NUMBER OF INVENTIONS: 42
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,616
; FILING DATE: 4-APR-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00586
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/826935
; FILING DATE: 22-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER: 821P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-222-616-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GACGTCGTCTCTTGGGGTCC 1822
Db 23 GACGTCGTCTCTTGGGATTC 2

RESULT 165
US-08-307-619-12
; Sequence 12, Application US/08307619
; Patent No. 5733743
; GENERAL INFORMATION:
; APPLICANT: Johnson, Kevin S
; APPLICANT: Winter, Gregory P

/ APPLICANT: Griffiths, Andrew D
 / APPLICANT: Smith, Andrew JH
 / APPLICANT: Waterhouse, P
 / TITLE OF INVENTION: Methods for producing members of specific
 / binding pairs
 / NUMBER OF SEQUENCES: 67
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 / STREET: 6300 Sears Tower, 233 South Wacker Drive
 / CITY: Chicago
 / STATE: Illinois
 / COUNTRY: USA
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/307,619
 / FILING DATE: 16-SEP-1994
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / CLASSIFICATION: GOIN 33/531, GOIN 33/68
 / PRIOR APPLICATION NUMBER: PCT/GB93/00605
 / FILING DATE: 24-MAR-1993
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: GB 9206318.9
 / FILING DATE: 24-MAR-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PCT/GB92/00883
 / FILING DATE: 15-MAY-1992
 / ATTORNEY/AGENT INFORMATION:
 / NAME: David W. Clough
 / REGISTRATION NUMBER: 36,107
 / REFERENCE/DOCKET NUMBER: 28111/32238
 / TELEPHONE: 312-474-6300
 / INFORMATION FOR SEQ ID NO: 12:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 23 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-08-307-619-12

Query Match 0.5%; Score 17.2; DB 1; Length 23;
 Best Local Similarity 86.4%; Pred. No. 3.6e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGAGGCTG 874
 |||||
 Db 1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 166
 US-08-350-260A-58
 / Sequence 58, Application US/08350260A
 / Patent No. 5962255
 / GENERAL INFORMATION:
 / APPLICANT: Winter, Gregory Paul
 / APPLICANT: Griffiths, Andrew David
 / APPLICANT: Williams, Samuel Cameron
 / APPLICANT: Waterhouse, Peter
 / APPLICANT: Nissim, Anuwa
 / APPLICANT: Johnson, Kevin Stuart
 / APPLICANT: Smith, Andrew John Hammond
 / TITLE OF INVENTION: Methods for producing members of specific
 / binding pairs
 / NUMBER OF SEQUENCES: 602
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: David W. Clough
 / STREET: Marshall, O'Toole, Gerstein, Murray & Borun
 / STREET: 6300 Sears Tower, 233 South Wacker Drive

/ CITY: Chicago
 / STATE: Illinois
 / COUNTRY: USA
 / ZIP: 60606-6402
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/350,260A
 / FILING DATE: 05-DEC-1994
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: GB 9110549.4
 / FILING DATE: 15-MAY-1991
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: GB 9206318.9
 / FILING DATE: 24-MAR-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PCT/GB91/01134
 / FILING DATE: 10-JUL-1991
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PCT/GB92/00883
 / FILING DATE: 15-MAY-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: PCT/GB93/00605
 / FILING DATE: 24-MAR-1993
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/150,002
 / FILING DATE: 31-MAR-1994
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/307,619
 / FILING DATE: 16-SEP-1994
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Clough, David W
 / REGISTRATION NUMBER: 36,107
 / REFERENCE/DOCKET NUMBER: 28111/32372
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 312-474-6300
 / INFORMATION FOR SEQ ID NO: 58:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 23 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-08-350-260A-58

Query Match 0.5%; Score 17.2; DB 1; Length 23;
 Best Local Similarity 86.4%; Pred. No. 3.6e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGAGGCTG 874
 |||||
 Db 1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 167
 US-09-050-783-12
 / Sequence 12, Application US/09050783
 / Patent No. 6140471
 / GENERAL INFORMATION:
 / APPLICANT: Johnson, Kevin S
 / APPLICANT: Winter, Gregory P
 / APPLICANT: Griffiths, Andrew D
 / APPLICANT: Smith, Andrew JH
 / APPLICANT: Waterhouse, P
 / TITLE OF INVENTION: Methods for producing members of specific
 / binding pairs
 / NUMBER OF SEQUENCES: 67
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 / STREET: 6300 Sears Tower, 233 South Wacker Drive

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,648
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-3881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-446-648-2

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1801 GACGTCGTCTCCTTTGGGTCC 1822
        |||||
Db       23 GACGTCGTCTTGGNATTC 2

RESULT 169
US-09-104-337A-58
; Sequence 58, Application US/09104337A
; Patent No. 6492160
; GENERAL INFORMATION:
; APPLICANT: Winter, Gregory Paul
; Griffiths, Andrew David
; Williams, Samuel Cameron
; Waterhouse, Peter
; Nissim, Ahuva
; Johnson, Kevin Stuart
; Smith, Andrew John Hammond
; TITLE OF INVENTION: Methods for producing members of specific
; binding pairs
; NUMBER OF SEQUENCES: 600
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Audrey L. Bartnicki
; STREET: Marshall, Gerstein & Borun
; 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/104,337A
; FILING DATE: 25-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/350,260
; FILING DATE: 05-DEC-1994
; APPLICATION NUMBER: GB 9110549.4
; FILING DATE: 15-MAY-1991
; APPLICATION NUMBER: GB 9206318.9
; FILING DATE: 24-MAR-1992
; APPLICATION NUMBER: PCT/GB92/00883
; FILING DATE: 15-MAY-1992
; APPLICATION NUMBER: PCT/GB93/00605

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/ FILING DATE: 24-MAR-1993
/ APPLICATION NUMBER: US 08/150,002
/ FILING DATE: 31-MAR-1994
/ APPLICATION NUMBER: US 08/307,619
/ FILING DATE: 16-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bartnicki, Audrey L.
/ REGISTRATION NUMBER: 40,499
/ REFERENCE/DOCKET NUMBER: 28111/32372A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-474-6300
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-104-337A-58

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGAGGCTG 874
DB 1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 170
US-10-067-443-35
/ Sequence 35, Application US/10067443
/ Patent No. 6642041
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED I
/ TITLE OF INVENTION: SPINAL CORD, MP-1
/ FILE REFERENCE: D0073 NP
/ CURRENT APPLICATION NUMBER: US/10/067,443
/ CURRENT FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: US 60/266,518
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/282,814
/ PRIOR FILING DATE: 2001-04-10
/ NUMBER OF SEQ ID NOS: 71
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-067-443-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGAGGCTG 874
DB 1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 171
US-10-153-064-35
/ Sequence 35, Application US/10153064
/ Patent No. 6663485
/ GENERAL INFORMATION:
/ APPLICANT: Bell et al.
/ TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
/ FILE REFERENCE: PF556
/ CURRENT APPLICATION NUMBER: US/10/153,064
/ CURRENT FILING DATE: 2002-05-24
/ PRIOR APPLICATION NUMBER: 60/293,212
/ PRIOR FILING DATE: 2001-05-25
```

```
/ NUMBER OF SEQ ID NOS: 137
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Degenerate VH forward primer useful for
/ OTHER INFORMATION: amplifying human VH domains
US-10-153-064-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGAGGCTG 874
DB 1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 172
US-09-982-610-2/c
/ Sequence 2, Application US/09982610
/ Patent No. 6673343
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ Bennett, Brian D.
/ Goeddel, David
/ Lee, James M.
/ Matthews, William
/ Tsai, Siao Ping
/ Wood, William I.
/ TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
/ NUMBER OF SEQUENCES: 45
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 460 Point San Bruno Blvd
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Winpatin (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/982,610
/ FILING DATE: 17-Oct-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/446,648
/ FILING DATE: 1996-MAY-23
/ APPLICATION NUMBER: 08/222616
/ FILING DATE: 04-APR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lee, Wendy M.
/ REGISTRATION NUMBER: 40,378
/ REFERENCE/DOCKET NUMBER: P082193PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415/225-1994
/ TELEFAX: 415/952-9881
/ TELEX: 910/371-7168
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-982-610-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;
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Best Local Similarity 86.4%; Pred. No. 3.6e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 3;

QY 1801 GACGTCGTGGTCCCTTTGGGGTCC 1822

Db 23 GACGTCGTGGTCCCTTTGGAATTC 2

RESULT 173

PCT-US95-04228-2/c
; Sequence 2, Application PC/TUS9504228
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Bennett, Brian D.
; APPLICANT: Goeddel, David
; APPLICANT: Lee, James M.
; APPLICANT: Matthews, William
; APPLICANT: Tsai, Siao Ping
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04228
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Wendy M. Lee
; REGISTRATION NUMBER: 00,000
; REFERENCE/DOCKET NUMBER: 821P3PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

PCT-US95-04228-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GACGTCGTGGTCCCTTTGGGGTCC 1822

Db 23 GACGTCGTGGTCCCTTTGGAATTC 2

RESULT 174

US-08-478-470-7
; Sequence 7, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRAYZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES;

; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
; US-08-478-470-7

Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844

Db 3 TATATATATTTTATATATA 24

RESULT 175

US-08-478-470-9
; Sequence 9, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRAYZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES;
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible


```

; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 11..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 17..18
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; Query Match 0.5%; Score 17.2; DB 1; Length 24;
; Best Local Similarity 86.4%; Pred. No. 3.9e+02;
; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 2823 TATATATACATATATATATATA 2844
; Db 3 TATATATATTTTATATATATA 24
;
; RESULT 178
; US-08-473-015-7
; Sequence 7, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,015
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
```

US-08-473-015-7

Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
||||||| | ||||| |
Db 3 TATATATATTTTATATATA 24

RESULT 179

US-08-473-015-9
Sequence 9, Application US/08473015
Patent No. 5631135
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5',
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,015
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,599
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5

FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9..10
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 15..16
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 17..18
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 19..20
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 21..22
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 23..24
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"

US-08-473-015-9
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
||||||| | ||||| |
Db 3 TATATATATTTTATATATA 24

RESULT 180

US-08-465-368-7
Sequence 7, Application US/08465368
Patent No. 5726297
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
APPLICANT: Schultz, Ronald G.
APPLICANT: Chen, Jer-kang
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,368
FILING DATE: 05-JUN-1995

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/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/210,505
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0013
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
/ US-08-465-368-7

Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24

RESULT 181
US-08-465-368-9
/ Sequence 9, Application US/08465368
/ Patent No. 5726297
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ APPLICANT: Schultz, Ronald G.
/ APPLICANT: Chen, Jer-kang
/ TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
/ TITLE OF INVENTION: N3'P5' PHOSPHORAMIDATES: USES AND
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/465,368
/ FILING DATE: 05-JUN-1995
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/210,505
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0013
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 7..8
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 9..10
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 15..16
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 17..18
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 19..20
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 21..22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 23..24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ US-08-465-368-9

Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24

RESULT 182
US-08-477-306-7
/ Sequence 7, Application US/08477306
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; Patent No. 5837835
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,306
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 11..12
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 13..14
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 17..18
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; END

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; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-477-306-9
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
||||| | | | | | | | | |
Db 3 TATATATATTTTATATATATA 24

RESULT 184
US-08-700-448-7
; Sequence 7, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gvaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0960
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-7
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
||||| | | | | | | | | |
Db 3 TATATATATTTTATATATATA 24

RESULT 185
US-08-700-448-7
; Sequence 9, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gvaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0960
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-9
; Sequence 9, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gvaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0960
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
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; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-9
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/
/ NAME/KEY: misc_feature
/ LOCATION: 17..18
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 19..20
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 21..22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 23..24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ US-08-700-448-9
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Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Qy 2823 TATATACATATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24
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RESULT 186
US-08-923-386A-7
; Sequence 7, Application US/089233386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: US/08/923,386A
```

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CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
```

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/
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 6
/ US-08-923-386A-7
/
/ Query Match 0.5%; Score 17.2; DB 1; Length 24;
/ Best Local Similarity 86.4%; Pred. No. 3.9e+02;
/ Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ Qy 2823 TATATACATATATATATATA 2844
/ Db 3 TATATATATTTTATATATATA 24
/
/ RESULT 187
/ US-08-923-386A-9
/ Sequence 9, Application US/089233386A
/ Patent No. 6169170
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ TITLE OF INVENTION: Oligonucleotide N3'-P5',
/ TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
/ TITLE OF INVENTION: Properties
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/923,386A
/ FILING DATE:
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 6
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
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```
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 17..18
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-923-386A-9
;
; Query Match 0.5%; Score 17.2; DB 1; Length 24;
; Best Local Similarity 86.4%; Pred. No. 3.9e+02;
; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 2823 TATATATACATATATATATATA 2844
; DB 3 TATATATATTTTATATATATA 24
;
; RESULT 188
; US-09-383-630-10
; Sequence 10, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yavon et al.
; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
; FACTOR RECEPTOR ASSOCIATED
; CHONDRODYSPLASIA
;
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 2001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted
; to an ASCII file
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/383,630A
; FILING DATE: 26-Aug-1999
; CLASSIFICATION: <Unknown>
```

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 1402/2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
; US-09-383-630-10
;
; Query Match 0.4%; Score 17; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 2.4e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 455 CCTGGCTGCTGGAGAAC 471
; DB 1 CCTGGCTGCTGGAGAAC 17
;
; RESULT 189
; US-09-958-221A-18
; Sequence 18, Application US/09958221A
; Patent No. 6686160
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-958-221A-18
;
; Query Match 0.4%; Score 17; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 2.4e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2317 CTGTGTGTGTGTGTGTG 2333
; DB 1 CTGTGTGTGTGTGTGTG 17
;
; RESULT 190
; US-09-958-221A-20/c
; Sequence 20, Application US/09958221A
; Patent No. 6686160
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
```

```

; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-20

Query Match          0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGC 2334
|||||
DB 17 TGTGTGTGTGTGTGC 1

RESULT 191
US-08-734-973-2/c
; Sequence 2, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 6 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-734-973-6

Query Match          0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333
|||||
DB 17 CTGTGTGTGTGTGTG 1

RESULT 193
US-08-734-973-7/c
; Sequence 7, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 7 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: No
US-08-734-973-7

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333
DB 17 CTGTGTGTGTGTGTG 1

RESULT 194
US-08-734-973-8/c
; Sequence 8, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 8 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
US-08-734-973-8

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333
DB 17 CTGTGTGTGTGTGTG 1

RESULT 195
US-08-734-973-30/c
; Sequence 30, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 30 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: No
US-08-734-973-30

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
DB 17 GTGTGTGTGTGTGTG 1

RESULT 196
US-08-734-973-31/c
; Sequence 31, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.

```

/ TITLE OF INVENTION: A Rapid Means For Quantitating
/ TITLE OF INVENTION: Genomic Instability
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
/ STREET: 1800 One M&T Plaza
/ CITY: Buffalo
/ STATE: New York
/ COUNTRY: United States
/ ZIP: 14203-2391
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows
/ SOFTWARE: Wordperfect for Windows
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/734,973
/ FILING DATE: October 1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Nelson, M. Bud
/ REGISTRATION NUMBER: 35,300
/ REFERENCE/DOCKET NUMBER: 03551.0021
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (716) 856-4000
/ TELEFAX: (716) 849-0349
/ INFORMATION FOR SEQ ID NO: 31 :
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 nucleotides
/ TYPE: nucleic acid
/ STRANDEDNESS: single-stranded
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ US-08-734-973-31

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 17 GTGTGTGTGTGTGTG 1

RESULT 197
US-08-734-973-32/c
/ Sequence 32, Application US/08734973
/ Patent No. 5912147
/ GENERAL INFORMATION:
/ APPLICANT: Stoler, Daniel L.
/ APPLICANT: Basik, Mark
/ APPLICANT: Anderson, Garth R.
/ TITLE OF INVENTION: A Rapid Means For Quantitating
/ TITLE OF INVENTION: Genomic Instability
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
/ STREET: 1800 One M&T Plaza
/ CITY: Buffalo
/ STATE: New York
/ COUNTRY: United States
/ ZIP: 14203-2391
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows
/ SOFTWARE: Wordperfect for Windows
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/734,973
/ FILING DATE: October 1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Nelson, M. Bud
/ REGISTRATION NUMBER: 35,300

/ REFERENCE/DOCKET NUMBER: 03551.0021
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (716) 856-4000
/ TELEFAX: (716) 849-0349
/ INFORMATION FOR SEQ ID NO: 32 :
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 nucleotides
/ TYPE: nucleic acid
/ STRANDEDNESS: single-stranded
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ US-08-734-973-32

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 17 GTGTGTGTGTGTGTG 1

RESULT 198
US-08-700-530-1/c
/ Sequence 1, Application US/08700530
/ Patent No. 6316186
/ GENERAL INFORMATION:
/ APPLICANT: EKINS, Roger P
/ TITLE OF INVENTION: Binding assay using binding agents with tail groups
/ FILE REFERENCE: 0380-P01180USO
/ CURRENT APPLICATION NUMBER: US/08/700,530
/ CURRENT FILING DATE: 1996-10-23
/ PRIOR APPLICATION NUMBER: PCT/GB95/00521
/ PRIOR FILING DATE: 1995-03-10
/ PRIOR APPLICATION NUMBER: GB 9404709.9
/ PRIOR FILING DATE: 1994-03-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 1
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: Oligonucleotide
/ US-08-700-530-1

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 17 GTGTGTGTGTGTGTG 1

RESULT 199
US-08-700-530-2
/ Sequence 2, Application US/08700530
/ Patent No. 6316186
/ GENERAL INFORMATION:
/ APPLICANT: EKINS, Roger P
/ TITLE OF INVENTION: Binding assay using binding agents with tail groups
/ FILE REFERENCE: 0380-P01180USO
/ CURRENT APPLICATION NUMBER: US/08/700,530
/ CURRENT FILING DATE: 1996-10-23
/ PRIOR APPLICATION NUMBER: PCT/GB95/00521
/ PRIOR FILING DATE: 1995-03-10
/ PRIOR APPLICATION NUMBER: GB 9404709.9
/ PRIOR FILING DATE: 1994-03-11
/ NUMBER OF SEQ ID NOS: 4
/ SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-08-700-530-2

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 1 GTGTGTGTGTGTGTG 17

RESULT 200
US-08-976-427-28
; Sequence 28, Application US/08976427A
; Patent No. 6322968
; GENERAL INFORMATION:
; APPLICANT: Head, Steven R.
; APPLICANT: Golet, Philip
; APPLICANT: Karn, Jonathan
; APPLICANT: Boyce-Jacino, Michael
; TITLE OF INVENTION: De No. 63229680 or "Universal" Sequencing Array
; FILE REFERENCE: 04990.0049
; CURRENT APPLICATION NUMBER: US/08/976,427A
; CURRENT FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-08-976-427-28

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 2 GTGTGTGTGTGTGTG 18

RESULT 201
US-09-648-312-28
; Sequence 28, Application US/09648312
; Patent No. 6337188
; GENERAL INFORMATION:
; APPLICANT: Head, Steven R.
; APPLICANT: Golet, Philip
; APPLICANT: Karn, Jonathan
; APPLICANT: Boyce-Jacino, Michael
; TITLE OF INVENTION: De No. 63371880 or "Universal" Sequencing Array
; FILE REFERENCE: 04990.0049
; CURRENT APPLICATION NUMBER: US/09/648,312
; CURRENT FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-09-648-312-28

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 2 GTGTGTGTGTGTGTG 18

RESULT 202
PCT-US94-05085A-36/c
; Sequence 36, Application PC/TUS9405085A
; GENERAL INFORMATION:
; APPLICANT: Janice T. Brown
; TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS DETECTION ASSAY
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Baxter Diagnostics Inc.
; STREET: One Baxter Parkway, Building DP-3E
; CITY: Deerfield
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60015
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Apple Macintosh System 7.0
; SOFTWARE: Macintosh Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05085A
; FILING DATE: N/A
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,920
; FILING DATE: May 6, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Buonaiuto
; REGISTRATION NUMBER: 31,593
; REFERENCE/DOCKET NUMBER: BA-4448
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708/948-2537
; TELEFAX: 708/948-2642
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: Other nucleic acid, synthetic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; IMMEDIATE SOURCE:
; LIBRARY: DNA synthesizer
; FEATURE:
; NAME/KEY: CAP267.
PCT-US94-05085A-36

Query Match 0.4%; Score 17; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2988 TTTTCTGGCAGCGAG 3004
Db 21 TTTTCTGGCAGCGAG 5

RESULT 203
PCT-US94-05085-36/c
; Sequence 36, Application PC/TUS9405085
; GENERAL INFORMATION:
; APPLICANT: Janice T. Brown
; TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS DETECTION ASSAY

```

;
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Baxter Diagnostics Inc.
; STREET: One Baxter Parkway, Building DP-3E
; CITY: Deerfield
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60015
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Apple Macintosh System 7.0
; SOFTWARE: Macintosh Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05085
; FILING DATE: 06-MAY-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,920
; FILING DATE: May 6, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Buonaiuto
; REGISTRATION NUMBER: 31,593
; REFERENCE/DOCKET NUMBER: BA-4448
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708/948-2537
; TELEFAX: 708/948-2642
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid, synthetic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; IMMEDIATE SOURCE:
; LIBRARY: DNA synthesizer
; FEATURE:
; NAME/KEY: CAP267.
; PCT-US94-05085-36

Query Match 0.4%; Score 17; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2988 TTTTCTGCGACCGCAG 3004
DB 21 TTTTCTGCGACCGCAG 5

RESULT 204
US-08-014-943A-20/c
; Sequence 20, Application US/08014943A
; Patent No. 5545551
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: Cloning And Expression Of PUR Protein
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

;
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Baxter Diagnostics Inc.
; STREET: One Baxter Parkway, Building DP-3E
; CITY: Deerfield
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60015
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Apple Macintosh System 7.0
; SOFTWARE: Macintosh Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05085
; FILING DATE: 06-MAY-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,920
; FILING DATE: May 6, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Buonaiuto
; REGISTRATION NUMBER: 31,593
; REFERENCE/DOCKET NUMBER: BA-4448
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708/948-2537
; TELEFAX: 708/948-2642
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid, synthetic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; IMMEDIATE SOURCE:
; LIBRARY: DNA synthesizer
; FEATURE:
; NAME/KEY: CAP267.
; PCT-US94-05085-36

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTCGCTGTGTGTGTGTGT 2348
DB 20 GTATGCAATGTGTGTGTGTGT 1

RESULT 205
US-08-478-470-8
; Sequence 8, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

```

;/ HYPOTHETICAL: NO
;/ ANTI-SENSE: NO
;/ ORIGINAL SOURCE:
;/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 1..2
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 3..4
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 5..6
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 7..8
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ US-08-478-470-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATATA 3482
Db 1 TATATATATTTTATATATA 20

RESULT 206
US-08-478-470-8/c
; Sequence 8, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5, PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:

;/ LENGTH: 20 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: both
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA
;/ HYPOTHETICAL: NO
;/ ANTI-SENSE: NO
;/ ORIGINAL SOURCE:
;/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 1..2
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 3..4
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 5..6
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ FEATURE:
;/ NAME/KEY: misc_feature
;/ LOCATION: 7..8
;/ OTHER INFORMATION: /note= "where the intersubunit
;/ OTHER INFORMATION: bond is "np"
;/ US-08-478-470-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATA 2842
Db 20 TATATATAAAATATATATA 1

RESULT 207
US-08-214-599-8
; Sequence 8, Application US/08214599
; Patent No. 5599922
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 50850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960

; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-214-599-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATATA 3482
DB 1 TATATATATTTTATATATA 20

RESULT 208
US-08-214-599-8/c
; Sequence 8, Application US/08214599
; Patent No. 5539922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; US-08-214-599-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2842
DB 20 TATATATATAATATATATA 1

RESULT 209
US-08-473-015-8
; Sequence 8, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,015
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,599
; FILING DATE: 18-MAR-1994


```
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 7..8
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
US-08-473-015-8
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Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Oy 3463 TATATATCTATATATATA 3482
Db 1 TATATATTTTATATATA 20
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RESULT 210
US-08-473-015-8/c
; Sequence 8, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,015
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/ FILING DATE: 06-JUN-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/214,599
/ FILING DATE: 18-MAR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0012
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 7..8
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
US-08-473-015-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 2823 TATATATACATATATATA 2842
Db 20 TATATATAAAATATATATA 1

RESULT 211
US-08-486-421-19/c
; Sequence 19, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,421
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-421-19

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTCGTGTGTGTGTGT 2348
DB 20 GTATGATGTGTGTGTGT 1

RESULT 212
US-08-465-368-8
Sequence 8, Application US/08465368
Patent No. 5726297
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
APPLICANT: Schultz, Ronald G.
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,368
FILING DATE: 05-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/210,505
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..2
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
US-08-465-368-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATATA 3482
DB 1 TATATATATTTTATATATA 20

RESULT 213
US-08-465-368-8/c
Sequence 8, Application US/08465368
Patent No. 5726297
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
APPLICANT: Schultz, Ronald G.
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
TITLE OF INVENTION: COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,368
FILING DATE: 05-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/210,505
FILING DATE:

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-465-368-8

```

```

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      2823 TATATATACATATATATATA 2842
DB      20 TATATATATAAATATATATA 1

```

```

RESULT 214
US-08-470-911-19/c
; Sequence 19, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995

```

```

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-470-911-19

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2329 GTGCGTGCTGTGTGTGTGT 2348
DB      20 GTATCATGTGTGTGTGTGT 1

RESULT 215
US-08-477-306-8
; Sequence 8, Application US/08477306
; Patent No. 5837835
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,306
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:

```

```
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..2_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 3..4_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 5..6_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 7..8_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
US-08-477-306-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATATA 3482
DB 1 TATATATATTTTATATATA 20
|||||
|

RESULT 216
US-08-477-306-8/c
; Sequence 8, Application US/08477306
; Patent No. 5837835
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,306
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
```

```
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..2_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 3..4_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 5..6_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 7..8_
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
US-08-477-306-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2842
DB 20 TATATATAAATATATATA 1
|||||
|

RESULT 217
US-08-486-809-19/c
; Sequence 19, Application US/08486809
; Patent No. 5869622
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,809
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
```

```
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
US-08-486-809-19

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTCGCTGTGTGTGTGTGT 2348
Db 20 GTATGTCATGTGTGTGTGTGT 1

RESULT 218
US-08-700-448-8
; Sequence 8, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:

/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
US-08-486-809-19

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTCGCTGTGTGTGTGTGT 2348
Db 20 GTATGTCATGTGTGTGTGTGT 1

RESULT 219
US-08-700-448-8/c
; Sequence 8, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
```

```

; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2823 TATATATACATATATATATA 2842
||||| | | | | | | | | | | | | | | |
Db 20 TATATATATATATATATATA 1

RESULT 220
US-08-923-386A-8
; Sequence 8, Application US/08923386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/923,386A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 6
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
```

```

; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-923-386A-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3463 TATATATATCTATATATATA 3482
||||| | | | | | | | | | | | | | | |
Db 1 TATATATATTTTATATATA 20

RESULT 221
US-08-923-386A-8/c
; Sequence 8, Application US/08923386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/923,386A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 6
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
```

FEATURE: NAME/KEY: misc_feature
LOCATION: 3..4
OTHER INFORMATION: /note= "where the intersubunit bond is "np"
FEATURE: NAME/KEY: misc_feature
LOCATION: 5..6
OTHER INFORMATION: /note= "where the intersubunit bond is "np"
FEATURE: NAME/KEY: misc_feature
LOCATION: 7..8
OTHER INFORMATION: /note= "where the intersubunit bond is "np"
US-08-923-386A-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2842
DB 20 TATATATATAAATATATATA 1

RESULT 222
US-09-517-584A-66/c
Sequence 66, Application US/09517584A
Patent No. 6187587
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Lex M. Cowest
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
FILE REFERENCE: RTS-0121
CURRENT APPLICATION NUMBER: US/09/517,584A
CURRENT FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-66

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2325 GTGTGTGCGTGTGTGTGT 2344
DB 20 GTGTGTGACATGTGTGTGT 1

RESULT 223
US-09-277-078-40/c
Sequence 40, Application US/09277078
Patent No. 6312949
GENERAL INFORMATION:
APPLICANT: Sakurada, Kazuhiro
APPLICANT: Palmer, Theo
APPLICANT: Gage, Fred H.
TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
FILE REFERENCE: 07251/031001
CURRENT APPLICATION NUMBER: US/09/277,078
CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 60
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 40
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for PCR
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: h = A, C, or T; not G
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: d = A, G, or T; not C
US-09-277-078-40

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1666 ATGAAGATCGCAGACTTCGG 1685
DB 20 ATGAAGATHGCDGACTTTGG 1

RESULT 224
US-09-716-161A-33/c
Sequence 33, Application US/09716161A
Patent No. 6355482
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0176
CURRENT APPLICATION NUMBER: US/09/716,161A
CURRENT FILING DATE: 2000-11-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-716-161A-33

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AACACACCGACACGAGCT 737
DB 20 AATACCCCGACCGAGCT 1

RESULT 225
US-09-475-947A-337/c
Sequence 337, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 337
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-475-947A-337

Query Match 0.4%; Score 16.8; DB 1; Length 20;


```
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-478-087-11

Query Match      0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1614 CATCCACAGGACCTGGCTG 1633
DB 21 CATCCATAGGAGCTGGCTG 2

RESULT 229
US-08-150-204E-22
; Sequence 22, Application US/08150204E
; Patent No. 6538126
; GENERAL INFORMATION:
; APPLICANT: CHO, Joong Myung
; LEE, Yong Beom
; PARK, Young Woo
; LIM, Kook Jin
; CHOI, Deog Young
; SO, Hong Seob
; KIM, Chun Hyung
; KIM, Sung Taek
; YANG, Jae Young
; TITLE OF INVENTION: HEPATITIS C DIAGNOSTICS AND VACCINES
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YANG, Jae Young
; STREET: 386-1, Doryong-dong, Yuseong-gu
; CITY: Daejeon
; STATE: Daejeon
; COUNTRY: Republic of Korea
; ZIP: 305-340
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5inch, 1.44MB storage
; COMPUTER: IBM PC/pentium
; OPERATING SYSTEM: Windows
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/150,204E
; FILING DATE: 20-Apr-1994
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: KR 91-9510
; FILING DATE: 10-JUN-1991
; APPLICATION NUMBER: KR 91-13601
; FILING DATE: 6-AUG-1991
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Shahan Islam, Esq.
; REGISTRATION NUMBER: 32,507
; REFERENCE/DOCKET NUMBER: 2695/FLK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 940-8564
; TELEFAX: (212) 940-8776
; INFORMATION FOR SEQ ID NO: 22
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: primer DA17PSHCV
; SEQUENCE DESCRIPTION: SEQ ID NO: 22
US-08-150-204E-22

Query Match      0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2006 TGGTGGAGGACCTGGACCGT 2025
DB 1 TGGTGGTGGAACTGGACCGT 20

RESULT 230
US-08-483-511-60/c
; Sequence 60, Application US/08483511
; Patent No. 6297048
; GENERAL INFORMATION:
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Lee, William T.L.
; APPLICANT: Townsend, Kay
; APPLICANT: O'Dea, Joanne
; TITLE OF INVENTION: HEPATITIS THERAPEUTICS
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,511
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.407C5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-622-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-483-511-60

Query Match      0.4%; Score 16.8; DB 1; Length 22;
```

vivlemore401-10.rni

Thu Oct 28 12:48:24 2004

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-13

Query Match .0.4%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCGACCTCCAGCTCCT 2122
DB 4 CACCCGACCTCCAGCTCCT 23

RESULT 233
US-09-429-499-14/c
Sequence 14, Application US/09429499
Patent No. 6143504
GENERAL INFORMATION:
APPLICANT: DAS, SOMA
APPLICANT: LEDBETTER, DAVID H.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF FRAGILE X
TITLE OF INVENTION: SYNDROME
FILE REFERENCE: ARCD:302
CURRENT APPLICATION NUMBER: US/09/429,499
CURRENT FILING DATE: 1999-10-27
EARLIER APPLICATION NUMBER: 60/105,892
EARLIER FILING DATE: 1998-10-27
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 14
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-429-499-14
Query Match 0.4%; Score 16.6; DB 1; Length 23;

```

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-13

Query Match .0.4%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCGACCTCCAGCTCCT 2122
DB 4 CACCCGACCTCCAGCTCCT 23

RESULT 233
US-09-429-499-14/c
Sequence 14, Application US/09429499
Patent No. 6143504
GENERAL INFORMATION:
APPLICANT: DAS, SOMA
APPLICANT: LEDBETTER, DAVID H.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF FRAGILE X
TITLE OF INVENTION: SYNDROME
FILE REFERENCE: ARCD:302
CURRENT APPLICATION NUMBER: US/09/429,499
CURRENT FILING DATE: 1999-10-27
EARLIER APPLICATION NUMBER: 60/105,892
EARLIER FILING DATE: 1998-10-27
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 14
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-429-499-14
Query Match 0.4%; Score 16.6; DB 1; Length 23;

```

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-8

Query Match 0.4%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2104 ACCCGACCTCCAGCTCCTC 2123
DB 24 ACCCGACCTCCAGCTCCTC 5

RESULT 232
US-08-529-190B-13
Sequence 13, Application US/08529190B
Patent No. 5833991
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
NUMBER OF SEQUENCES: 76

```

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190B
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE9501324-9
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/522,595
FILING DATE: 01-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/53015
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-8

Query Match 0.4%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2104 ACCCGACCTCCAGCTCCTC 2123
DB 24 ACCCGACCTCCAGCTCCTC 5

RESULT 232
US-08-529-190B-13
Sequence 13, Application US/08529190B
Patent No. 5833991
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
NUMBER OF SEQUENCES: 76

```

```

Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2328 TGTGTCGTGTGTGTGTGTGTGT 2350
Db 23 TTGGGAGTGTGTGTGTGTGTGT 1

RESULT 234
US-08-612-973-106/c
; Sequence 106, Application US/08612973
; Patent No. 6150134
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT
; APPLICANT: BOSMAN, FONS
; APPLICANT: DE MARTYNOFF, GUY
; APPLICANT: BUYSSE, MARIE-ANGE
; TITLE OF INVENTION: PURIFIED HEPATITIS C VIRUS ENVELOPE
; TITLE OF INVENTION: PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,973
; FILING DATE: 11-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BYRNE, THOMAS E.
; REGISTRATION NUMBER: 32,205
; REFERENCE/DOCKET NUMBER: 1487-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-612-973-106

Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GCCCACCAGCAGTGGGGGCTC 2186
Db 23 GCGCTACCCAGCAGCGGAGCTC 1

RESULT 235
US-08-927-597-106/c
; Sequence 106, Application US/08927597
; Patent No. 6245503
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT
; APPLICANT: BOSMAN, FONS
; APPLICANT: DE MARTYNOFF, GUY
; APPLICANT: BUYSSE, MARIE-ANGE
; TITLE OF INVENTION: PURIFIED HEPATITIS C VIRUS ENVELOPE

```

```

; TITLE OF INVENTION: PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,597
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/612,973
; FILING DATE: 11-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BYRNE, THOMAS E.
; REGISTRATION NUMBER: 32,205
; REFERENCE/DOCKET NUMBER: 1487-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-927-597-106

Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GCCCACCAGCAGTGGGGGCTC 2186
Db 23 GCGCTACCCAGCAGCGGAGCTC 1

RESULT 236
US-09-600-826A-6/c
; Sequence 6, Application US/09600826A
; Patent No. 6770742
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Bange, Johannes
; APPLICANT: Knyazev, Pjotr
; TITLE OF INVENTION: Use of inhibitors for the treatment of RTK-hyperfunction-induced
; TITLE OF INVENTION: disorders, particularly cancer
; FILE REFERENCE: 205984
; CURRENT APPLICATION NUMBER: US/09/600,826A
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: PCT/EP99/00405
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: DE 198 02 377.4
; PRIOR FILING DATE: 1998-01-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for the amplification of the transmembrane domain of Fc

```

```

; OTHER INFORMATION: (wild-type and mutant)
US-09-600-826A-6

Query Match          0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1009 CACAAGATCTCCGCTTCCCGCT 1031
DB 23 CAGAAGCTCTCCCTCTTCCCTCT 1

RESULT 237
US-08-734-973-1/c
; Sequence 1, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 28 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-28

Query Match          0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTGTG 2333
DB 18 TTTGTGTGTGTGTGTGTG 1

RESULT 239
US-09-475-947A-104
; Sequence 104, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-104

Query Match          0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2822 GTATATATATATATATAT 2839
DB 1 GTATATATATATATATAT 18

RESULT 240
US-08-734-973-28/c
; Sequence 28, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating

```

```
US-09-433-699-42/c
; Sequence 42, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-42

Query Match      0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATGAT 1370
Db 19 GAAGATGATGAAGATGAT 2

RESULT 241
US-09-068-506-17
; Sequence 17, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; TITLE OF INVENTION: TWITCHING
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-17

Query Match      0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3064 TGTTCACACACCCCAACA 3081
Db 3 TGATCCCAACACCCCAACA 20

RESULT 242
US-09-967-655-59/c
; Sequence 59, Application US/09967655
; Patent No. 6734017
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95
```

```
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-59

Query Match      0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1584 GGGCATGGAGTACTTGGC 1601
Db 19 GGGCATGGAGTCTTGGC 2

RESULT 243
US-09-526-193A-205
; Sequence 205, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 205
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-205

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGTGCTGG 514
Db 1 ACACGCTGGCGTGTGG 18

RESULT 244
US-09-232-785-5/c
; Sequence 5, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; TITLE OF INVENTION: THERESOF
; FILE REFERENCE: 4481/1E188US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
```

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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-5

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3575 AAAGCTTGAGGAGGCC 3592
Db 18 AAAGCTTGAGAGGCC 1

; RESULT 245
US-09-756-301B-28/c
; Sequence 28, Application US/09756301B
; Patent No. 6790444
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-008
; CURRENT APPLICATION NUMBER: US/09/756,301B
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
US-09-756-301B-28

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCACACCTGCAA 2

; RESULT 246
US-07-947-683-5
; Sequence 5, Application US/07947683

```

```

; Patent No. 5589451
; GENERAL INFORMATION:
; APPLICANT: WILSON, STEVEN E.
; TITLE OF INVENTION: METHODS AND TREATMENTS FOR
; TITLE OF INVENTION: CORNEAL HEALING WITH HEPATOCYTE
; TITLE OF INVENTION: AND KERATINOCYTE GROWTH FACTORS
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/947 683
; FILING DATE: SEPTEMBER 21, 1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: KITCHELL, BARBARA S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: UTSD:311/KIT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512-320-7200
; TELEFAX: 512-474-7577
; TELEX: NOT APPLICABLE
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-947-683-5

Query Match      0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1807 TGGTCCTTTGGGCTCCTCCTC 1827
Db 1 TGGTCCTTTGGGCTCCTC 21

; RESULT 247
US-08-400-323-4
; Sequence 4, Application US/08400323
; Patent No. 5703047
; GENERAL INFORMATION:
; APPLICANT: Wilson, Steven E.
; TITLE OF INVENTION: Methods and Treatments for Corneal
; TITLE OF INVENTION: Healing with Growth Factors
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/400,323
; FILING DATE: 09-MAR-1995
; CLASSIFICATION: 514

```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: UTSD:431\KIT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: 79-0924
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-400-323-4
;
; Query Match 0.4%; Score 16.2; DB 1; Length 21;
; Best Local Similarity 85.7%; Pred. No. 4.4e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1807 TGGTCCTTTGGGCTCTGCTC 1827
Db 1 TGGTCCTTTGGGCTCTGCTC 21

RESULT 248
US-08-533-996A-3
; Sequence 3, Application US/08533996A
; Patent No. 5866329
; GENERAL INFORMATION:
; APPLICANT: Demetriou M.D., Achilles A.
; APPLICANT: Ljubimova M.D., Julia Y.
; TITLE OF INVENTION: A NOVEL GENE ASSOCIATED WITH LIVER
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/533,996A
; FILING DATE: 27-SEP-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fujita Esq., Sharon M.
; REGISTRATION NUMBER: 38,459
; REFERENCE/DOCKET NUMBER: P07 34306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; US-08-533-996A-3
;
; Query Match 0.4%; Score 16.2; DB 1; Length 21;
; Best Local Similarity 85.7%; Pred. No. 4.4e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1807 TGGTCCTTTGGGCTCTGCTC 1827
```

```
Db 1 TGGTCCTTTGGGCTCTGCTC 21

RESULT 249
US-08-863-639A-44/c
; Sequence 44, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C.T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-44
;
; Query Match 0.4%; Score 16.2; DB 1; Length 21;
; Best Local Similarity 85.7%; Pred. No. 4.4e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1350 GATGGAGATGATGAAGATGAT 1370
Db 21 GATGATGATGATGATGATGAT 1

RESULT 250
US-08-863-639A-65
; Sequence 65, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C.T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
```

;/ ZIP: 91101
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;/ COMPUTER: IBM compatible
;/ OPERATING SYSTEM: Windows 95
;/ SOFTWARE: Corel WordPerfect 8 version
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/863,639A
;/ FILING DATE: May 28, 1997
;/ CLASSIFICATION: 435
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Joseph E. Mueth
;/ REGISTRATION NUMBER: 20,532
;/ REFERENCE/DOCKET NUMBER: 11859-1
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (626) 796-4000
;/ TELEFAX: (626) 795-6321
;/ INFORMATION FOR SEQ ID NO: 65:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 21 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: Other nucleic acid
;/ US-08-863-639A-65

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGTGAAGATCAT 1370
DB 1 GATGATGATGATGATCAT 21

RESULT 251
US-09-403-267-12/c
; Sequence 12, Application US/09403267
; Patent No. 6159710
; GENERAL INFORMATION:
; APPLICANT: Wistar Institute of Anatomy, and Biology
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Zabolotny, Janice M.
; APPLICANT: Krummenacher, Claude F.
; TITLE OF INVENTION: Method and Compositions for Stabilizing
; TITLE OF INVENTION: Unstable Gene Transcripts
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howson and Howson
; STREET: Spring House Corporate Cntr., P.O. Box 457
; CITY: Spring House
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19477
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/403,267
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/044,664
; FILING DATE: 18-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Bak, Mary E.
; REGISTRATION NUMBER: 31,215
; REFERENCE/DOCKET NUMBER: WST78APCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-540-9200
; TELEFAX: 215-540-5818

;/ INFORMATION FOR SEQ ID NO: 12:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 21 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: unknown
;/ MOLECULE TYPE: other nucleic acid
;/ DESCRIPTION: /desc = "probe/primer Exon 2n"
;/ US-09-403-267-12

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 183 CGGGGAGGACGAGGCTGAGGA 203
DB 21 CGAGGAGGAGGAGGCAGAGGA 1

RESULT 252
US-08-849-021-69/c
; Sequence 69, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;/ US-08-849-021-69

Query Match 0.4%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATA 2844

; EARLIER APPLICATION NUMBER: 60/058,271
; EARLIER FILING DATE: 1997-09-08
; EARLIER APPLICATION NUMBER: 60/060,520
; EARLIER FILING DATE: 1997-09-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: HUMAN
US-09-139-617-4

Query Match 0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 666 GGTGGGCCCGGACGCACACC 686
Db 23 GGTGGGCCCTGTGCGCAGACC 3

RESULT 259

US-09-561-741A-4/c
; Sequence 4, Application US/09561741A
; Patent No. 6458551
; GENERAL INFORMATION:
; APPLICANT: WILKINSON, HILARY
; TITLE OF INVENTION: ESTROGEN RECEPTOR
; FILE REFERENCE: 2004Y
; CURRENT APPLICATION NUMBER: US/09/561,741A
; CURRENT FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/139,617
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: 60/058,271
; PRIOR FILING DATE: 1997-09-08
; PRIOR APPLICATION NUMBER: 60/060,520
; PRIOR FILING DATE: 1997-09-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: HUMAN
US-09-561-741A-4

Query Match 0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 666 GGTGGGCCCGGACGCACACC 686
Db 23 GGTGGGCCCTGTGCGCAGACC 3

RESULT 260

US-09-558-795-4/c
; Sequence 4, Application US/09558795
; Patent No. 6562592
; GENERAL INFORMATION:
; APPLICANT: WILKINSON, HILARY
; TITLE OF INVENTION: ESTROGEN RECEPTOR
; FILE REFERENCE: 2004Y
; CURRENT APPLICATION NUMBER: US/09/558,795
; CURRENT FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/139,617
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: 60/058,271
; PRIOR FILING DATE: 1997-09-08
; PRIOR APPLICATION NUMBER: 60/060,520
; PRIOR FILING DATE: 1997-09-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4

; LENGTH: 23
; TYPE: DNA
; ORGANISM: HUMAN
US-09-558-795-4

Query Match 0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 666 GGTGGGCCCGGACGCACACC 686
Db 23 GGTGGGCCCTGTGCGCAGACC 3

RESULT 261

US-08-222-177A-439/c
; Sequence 439, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 439:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-222-177A-439

Query Match 0.4%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 262

US-09-371-772B-6068
; Sequence 6068, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:

; OTHER INFORMATION: Chemically synthesized oligomer
US-08-885-126-9

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350
|||||
Db 1 GTGTGTGTGTGTGT 16

RESULT 266

US-08-960-111-11
; Sequence 11, Application US/08960111
; Patent No. 6060456
; GENERAL INFORMATION:
; APPLICANT: Arnold Jr., Lyle J
; APPLICANT: Reynolds, Mark A
; APPLICANT: Giachetti, Christina
; TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth St.
; CITY: Los Angeles
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/960,111
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/238,177
; FILING DATE: 04-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Meier, Paul H.
; REGISTRATION NUMBER: 32,274
; REFERENCE/DOCKET NUMBER: 207/174
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213/489-1600
; TELEFAX: 213/955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: GT oligomers 2517-1, 2516-1
; IDENTIFICATION METHOD: synthesis experiments
; OTHER INFORMATION: complementary to synthetic RNA
; OTHER INFORMATION: target
US-08-960-111-11

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350
|||||
Db 1 GTGTGTGTGTGTGT 16

RESULT 267

US-09-490-774-11
; Sequence 11, Application US/09490774
; Patent No. 6262036
; GENERAL INFORMATION:
; APPLICANT: Arnold Jr., Lyle J
; APPLICANT: Reynolds, Mark A
; APPLICANT: Giachetti, Christina
; TITLE OF INVENTION: Chimeric Oligonucleoside Compounds
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth St.
; CITY: Los Angeles
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/490,774
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/960,111
; FILING DATE:
; APPLICATION NUMBER: US/08/238,177
; FILING DATE: 04-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Meier, Paul H.
; REGISTRATION NUMBER: 32,274
; REFERENCE/DOCKET NUMBER: 207/174
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213/489-1600
; TELEFAX: 213/955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: GT oligomers 2517-1, 2516-1
; IDENTIFICATION METHOD: synthesis experiments
; OTHER INFORMATION: complementary to synthetic RNA
; OTHER INFORMATION: target
US-09-490-774-11

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350
|||||
Db 1 GTGTGTGTGTGTGT 16

RESULT 268

US-09-958-221A-16
; Sequence 16, Application US/09958221A
; Patent No. 6686160
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS

```
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ PRIOR FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 16
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-16

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTG 2333
DB      17 TGTGTGTGTGTGTG 17

RESULT 269
US-09-958-221A-17
/ Sequence 17, Application US/09958221A
/ Patent No. 6686160
/ GENERAL INFORMATION:
/ APPLICANT: Haeringen van, Willem A.
/ APPLICANT: Haeringen van, Hendrik
/ TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ CURRENT FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 17
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-17

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTG 2333
DB      2 TGTGTGTGTGTGTG 17

RESULT 270
US-09-958-221A-19/c
/ Sequence 19, Application US/09958221A
/ Patent No. 6686160
/ GENERAL INFORMATION:
/ APPLICANT: Haeringen van, Willem A.
/ APPLICANT: Haeringen van, Hendrik
/ TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ CURRENT FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
```

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/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 19
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-19

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTG 2333
DB      17 TGTGTGTGTGTGTG 2

RESULT 271
US-09-958-221A-21/c
/ Sequence 21, Application US/09958221A
/ Patent No. 6686160
/ GENERAL INFORMATION:
/ APPLICANT: Haeringen van, Willem A.
/ APPLICANT: Haeringen van, Hendrik
/ TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ CURRENT FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 21
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-21

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTG 2333
DB      17 TGTGTGTGTGTGTG 2

RESULT 272
US-08-734-973-3/c
/ Sequence 3, Application US/08734973
/ Patent No. 5912147
/ GENERAL INFORMATION:
/ APPLICANT: Stoler, Daniel L.
/ APPLICANT: Basik, Mark
/ APPLICANT: Anderson, Garth R.
/ TITLE OF INVENTION: A Rapid Means For Quantitating
/ TITLE OF INVENTION: Genomic Instability
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
/ STREET: 1800 One Mt Plaza
/ CITY: Buffalo
/ STATE: New York
/ COUNTRY: United States
/ ZIP: 14203-2391
```

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;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 3 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-3

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 273
US-08-734-973-4/c
; Sequence 4, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 4 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-5

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 274
US-08-734-973-5/c
; Sequence 5, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 5 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-5

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 275
US-08-734-973-33/c
; Sequence 33, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.

```

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;
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-4

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 274
US-08-734-973-5/c
; Sequence 5, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 5 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-5

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 275
US-08-734-973-33/c
; Sequence 33, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.

```

;/ TITLE OF INVENTION: A Rapid Means For Quantitating
;/ TITLE OF INVENTION: Genomic Instability
;/ NUMBER OF SEQUENCES: 38
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
;/ STREET: 1800 One Mkt Plaza
;/ CITY: Buffalo
;/ STATE: New York
;/ COUNTRY: United States
;/ ZIP: 14203-2391
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette, 3.5 inch
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows
;/ SOFTWARE: Wordperfect for Windows
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/734,973
;/ FILING DATE: October 1996
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Nelson, M. Bud
;/ REGISTRATION NUMBER: 35,300
;/ REFERENCE/DOCKET NUMBER: 03551.0021
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (716) 856-4000
;/ TELEFAX: (716) 849-0349
;/ INFORMATION FOR SEQ ID NO: 33 :
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 nucleotides
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single-stranded
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA
;/ HYPOTHETICAL: No
;/ US-08-734-973-33

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY / 2318 TGTGTGTGTGTGTG 2333
Db | | | | | | | | | | | | | | | |
16 TGTGTGTGTGTGTG 1

RESULT 276
US-08-734-973-34/c
;/ Sequence 34, Application US/08734973
;/ Patent No. 5912147
;/ GENERAL INFORMATION:
;/ APPLICANT: Stoler, Daniel L.
;/ APPLICANT: Basik, Mark
;/ APPLICANT: Anderson, Garth R.
;/ TITLE OF INVENTION: A Rapid Means For Quantitating
;/ TITLE OF INVENTION: Genomic Instability
;/ NUMBER OF SEQUENCES: 38
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
;/ STREET: 1800 One Mkt Plaza
;/ CITY: Buffalo
;/ STATE: New York
;/ COUNTRY: United States
;/ ZIP: 14203-2391
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette, 3.5 inch
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows
;/ SOFTWARE: Wordperfect for Windows
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/734,973
;/ FILING DATE: October 1996
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Nelson, M. Bud
;/ REGISTRATION NUMBER: 35,300

;/ REFERENCE/DOCKET NUMBER: 03551.0021
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (716) 856-4000
;/ TELEFAX: (716) 849-0349
;/ INFORMATION FOR SEQ ID NO: 34 :
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 nucleotides
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single-stranded
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA
;/ HYPOTHETICAL: No
;/ US-08-734-973-34

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db | | | | | | | | | | | | | | | |
16 TGTGTGTGTGTGTG 1

RESULT 277
US-08-734-973-35/c
;/ Sequence 35, Application US/08734973
;/ Patent No. 5912147
;/ GENERAL INFORMATION:
;/ APPLICANT: Stoler, Daniel L.
;/ APPLICANT: Basik, Mark
;/ APPLICANT: Anderson, Garth R.
;/ TITLE OF INVENTION: A Rapid Means For Quantitating
;/ TITLE OF INVENTION: Genomic Instability
;/ NUMBER OF SEQUENCES: 38
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
;/ STREET: 1800 One Mkt Plaza
;/ CITY: Buffalo
;/ STATE: New York
;/ COUNTRY: United States
;/ ZIP: 14203-2391
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette, 3.5 inch
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows
;/ SOFTWARE: Wordperfect for Windows
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/734,973
;/ FILING DATE: October 1996
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Nelson, M. Bud
;/ REGISTRATION NUMBER: 35,300
;/ REFERENCE/DOCKET NUMBER: 03551.0021
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (716) 856-4000
;/ TELEFAX: (716) 849-0349
;/ INFORMATION FOR SEQ ID NO: 35 :
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 nucleotides
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single-stranded
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA
;/ HYPOTHETICAL: No
;/ US-08-734-973-35

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db | | | | | | | | | | | | | | | |
16 TGTGTGTGTGTGTG 1

RESULT 278
US-08-734-973-36/c
; Sequence 36, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basic, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 36 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: No
US-08-734-973-36

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 279
US-08-734-973-37/c
; Sequence 37, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basic, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 37 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: No
US-08-734-973-37

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 280
US-08-734-973-38/c
; Sequence 38, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basic, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 38 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

```

; HYPOTHETICAL: No
US-08-734-973-38

Query Match      0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
      |||||
Db 16 TGTGTGTGTGTGTGTG 1

RESULT 281
US-09-496-694B-235
; Sequence 235, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowgert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-235

Query Match      0.4%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2830 ACATATATATATATAA 2845
      |||||
Db 1 ACATATATATATATAA 16

RESULT 282
US-09-780-045-110/c
; Sequence 110, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-110

Query Match      0.4%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATATACATATATA 2838

```

```

Db 16 TATATATACATATATA 1
      |||||

RESULT 283
US-08-104-165-30
; Sequence 30, Application US/08104165
; Patent No. 5877015
; GENERAL INFORMATION:
; APPLICANT: HARDY, John Anthony
; APPLICANT: GOATE, Alison Mary
; APPLICANT: MULLAN, Michael John
; APPLICANT: CHARTIER-HARLIN, Marie-Christine
; APPLICANT: OWEN, Michael John
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/104,165
; FILING DATE: 21-JAN-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 9101307.8
; FILING DATE: 21-JAN-1991
; APPLICATION NUMBER: 9118445.7
; FILING DATE: 28-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 16163-000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (Primer)
US-08-104-165-30

Query Match      0.4%; Score 16; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3365 AAATTCCTCTAATTCG 3380
      |||||
Db 6 AAATTCCTCTAATTCG 21

RESULT 284
US-08-464-250-30
; Sequence 30, Application US/08464250
; Patent No. 6300540
; GENERAL INFORMATION:
; APPLICANT: HARDY, John Anthony
; APPLICANT: GOATE, Alison Mary
; APPLICANT: MULLAN, Michael John
; APPLICANT: CHARTIER-HARLIN, Marie-Christine
; APPLICANT: OWEN, Michael John
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease
; NUMBER OF SEQUENCES: 44

```

/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend Khourie and Crew
/ STREET: 379 Lytton Avenue
/ CITY: Palo Alto
/ STATE: California
/ COUNTRY: US
/ ZIP: 94301
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/464,250
/ FILING DATE: 05-Jun-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/104,165
/ FILING DATE: 21-JAN-1992
/ APPLICATION NUMBER: 9101307.8
/ FILING DATE: 21-JAN-1991
/ APPLICATION NUMBER: 9118445.7
/ FILING DATE: 28-AUG-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Liebeschuetz, Joe
/ REGISTRATION NUMBER: 37,505
/ REFERENCE/DOCKET NUMBER: 16163-000100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 326-2400
/ TELEFAX: (415) 326-2422
/ INFORMATION FOR SEQ ID NO: 30:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 22 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (Primer)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-08-464-250-30

Query Match 0.4%; Score 16; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3365 AAATCTCTTAATGTC 3380
Db 6 AAATCTCTTAATGTC 21

RESULT 285
US-09-725-265-5
; Sequence 5, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5

/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-5

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3474 ATATATATAATTTATTGAGTTTTT 3497
Db 1 ATATATATAATTTATTGAGTTTTT 24

RESULT 286
US-09-725-265-8
; Sequence 8, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-8

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3474 ATATATATAATTTATTGAGTTTTT 3497
Db 1 ATATATATAATTTATTGAGTTTTT 24

RESULT 287
US-09-556-127-5
; Sequence 5, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X

```

; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-74

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2338 TGTGTGTGTGTGCACAT 2356
Db 1 TGTGTGTGTGTGTATAT 19

RESULT 290
US-09-696-791-3391
; Sequence 3391, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3391
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
; US-09-696-791-3391

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2548 GCTCGGCCTCTGCCTTGC 2566

```

Db 1 GGTGGCGCTTACCTTGC 19

RESULT 291
US-08-961-749-1/c
; Sequence 1, Application US/08961749
; Patent No. 5908830
; GENERAL INFORMATION:
; APPLICANT: SMITH, ROY G.
; APPLICANT: CASCIERI, MARGARET A.
; APPLICANT: MACINTYRE, EUAN
; APPLICANT: MACNEIL, DOUGLAS J.
; APPLICANT: MENKE, JOHN G.
; TITLE OF INVENTION: COMBINATION THERAPY FOR THE TREATMENT OF
; TITLE OF INVENTION: DIABETES AND OBESITY
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MARY A. APOLLINA - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. Box 2000
; CITY: RAHWAY
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,749
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: APOLLINA, MARY A.
; REGISTRATION NUMBER: 34,087
; REFERENCE/DOCKET NUMBER: 19822Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (732) 594-3462
; TELEFAX: (732) 594-4720
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-961-749-1

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3685 CTCCTCTTGGGCCGCTG 3703

Db 19 CTCCTCTTGGGCTCACTG 1

RESULT 292
US-08-849-021-89/c
; Sequence 89, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET

CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-89

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2338 TGTGTGTGTGTGCACAT 2356

Db 20 TGTGTGTGTGTGTATAT 2

RESULT 293
US-08-578-615A-66
; Sequence 66, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggess
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:

```
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-578-615A-66

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CTCCTCCATCTCTGGCT 341
Db 2 CTCCTCCATCTCTGGCT 20

RESULT 294
US-09-418-641-32
; Sequence 32, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-32

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1484 GCGGCCCCCGGCGCTGGA 1502
Db 2 GCGGCCCCCGGCGCGGA 20

RESULT 295
US-09-286-904-65/c
; Sequence 65, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-65

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCCAGCGCTGCAGG 61
Db 20 GTGCCGCGAGCGCTGCAGG 2

RESULT 296
US-09-428-219-53
; Sequence 53, Application US/09428219
; Patent No. 6177273
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
; FILE REFERENCE: RTS-0101
; CURRENT APPLICATION NUMBER: US/09/428,219
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-219-53

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 GAGGAGCTGGTGAGGCTG 874
Db 2 GAGGAGCAGGTGGAGACTG 20

RESULT 297
US-09-448-176-1
; Sequence 1, Application US/09448176
; Patent No. 6248533
; GENERAL INFORMATION:
; APPLICANT: KAMIZONO, Shintaro
; APPLICANT: YAMADA, Akira
; APPLICANT: HIGUCHI, Takafumi
; APPLICANT: KATO, Hirohisa
; APPLICANT: ITOH, Kyogo
; APPLICANT: SEKI, Naoko
; TITLE OF INVENTION: GENE DIAGNOSIS OF DISEASES WHEREIN
; TNP-ALPHA PROMOTERS PARTICIPATE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/448,176
; FILING DATE: 24-No. 6248533-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: WO PCT/JP98/02270
FILING DATE: 25-MAY-1998
APPLICATION NUMBER: WO PCT/JP97/04304
FILING DATE: 26-NOV-1997
APPLICATION NUMBER: JP 9-173900
FILING DATE: 30-JUN-1997
APPLICATION NUMBER: JP 9-134973
FILING DATE: 26-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Wegner, Harold C.
REGISTRATION NUMBER: 25,258
REFERENCE/DOCKET NUMBER: 74129/472
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-448-176-1

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTG 2351
DB 1 GCTTGTGTGTGTGTGTG 19

RESULT 298

US-09-640-101-65/c

Sequence 65, Application US/09640101
Patent No. 6448079
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
ACTIVATED PROTEIN KINASE EXPRESSION
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/09/640,101
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-640-101-65

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCAGCGGTGCAGG 61
DB 20 GTCCGCGAGCGGTGCAGG 2

RESULT 299

US-09-898-361-133/c

Sequence 133, Application US/09898361

Patent No. 6503152
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR 1
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RIS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 133
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-133

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1453 AAGGTAACCTGCGGAGT 1471
DB 20 AAGGCAACCTGCAGGAGT 2

RESULT 300

PCT-US94-07770-66

Sequence 66, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
Boggs
APPLICANT: Russell T.
TITLE OF INVENTION: Oligonucleotide Modulation of
Protein Kinase C
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single

```
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US94-07770-66

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CTCCTCCATCTCTGGCT 341
Db 2 CTCCTCCATCTCTGGCT 20

RESULT 301
US-09-725-265-9
; Sequence 9, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTGTCTCTTTT 3285
Db 3 ATATATTTTCTTTTCTTTTCTTTT 29

RESULT 302
US-09-556-127-9
; Sequence 9, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
```

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; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTGTCTCTTTT 3285
Db 3 ATATATTTTCTTTTCTTTTCTTTT 29

RESULT 303
US-09-197-814-9
; Sequence 9, Application US/09197814A
; Patent No. 6316220
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 4484.204-US
; CURRENT APPLICATION NUMBER: US/09/197,814A
; CURRENT FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: 0740/96
; EARLIER FILING DATE: 1996-07-05
; EARLIER APPLICATION NUMBER: PCT/DK97/00305
; EARLIER FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-197-814-9

Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.7%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3300 TTCTATAGGATTTTCTTTAGGAGATTTATTTT 3334
Db 1 TTTTGTAGCTTTTCTTTTCTTTTCTTTT 35

RESULT 304
US-09-920-581-9
; Sequence 9, Application US/09920581
; Patent No. 6555657
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 4484.204-US
; CURRENT APPLICATION NUMBER: US/09/920,581
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 09/197,814
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: PCT/DK97/00305
; PRIOR FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
```



```
; FEATURE:
; OTHER INFORMATION: Primer
US-09-920-581-9

Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.7%; Pred. No. 1.e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3300 TTCTATAGGATTTCTTTAGGAGATTTATTTT 3334
    |||||
Db 1 TTTTGAAGCTTTTTTTTTTTTTTTTTTTTTT 35

RESULT 305
US-09-244-794A-12/c
; Sequence 12, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/35006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-12

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTCCTTTTCAG 3288
    |||||
Db 37 TTTTTCAGCTTTTTTTTTTTTTTTTTT 37

RESULT 306
US-09-244-794A-13/c
; Sequence 13, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/35006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
```

```
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-13

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTCCTTTTCAG 3288
    |||||
Db 37 TTTTTCAGCTTTTTTTTTTTTTTTTTT 37

RESULT 307
US-09-247-190-12/c
; Sequence 12, Application US/09247190
; Patent No. 6261804
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/35005
; CURRENT APPLICATION NUMBER: US/09/247,190
; CURRENT FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-247-190-12

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTCCTTTTCAG 3288
    |||||
Db 37 TTTTTCAGCTTTTTTTTTTTTTTTTTT 37

RESULT 308
US-09-238-710-12/c
; Sequence 12, Application US/09238710A
; Patent No. 6318018
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/35004
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 1999-01-28
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
```

; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-238-710-12

Query Match 0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.1e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTATTGCTTGTGCTTTTCAG 3288
|||:|||||
Db 37 TTTTITTTTTTTTTTTTTTTTCAG 11

RESULT 309
US-09-045-054-15
; Sequence 15, Application US/09045054
; Patent No. 6200754
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/045,054
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: DNA excision repair protein ERCC5
; FEATURE:
; OTHER INFORMATION: The letter "s" stands for g or c.
US-09-045-054-15

Query Match 0.4%; Score 15.6; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1294 GTGAAGATGCTGAAAG 1309
|||:|||||
Db 6 GTGAASATGCTGAAG 21

RESULT 310
US-09-657-472-88
; Sequence 88, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26

; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-88

Query Match 0.4%; Score 15.6; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1294 GTGAAGATGCTGAAAG 1309
|||:|||||
Db 6 GTGAASATGCTGAAG 21

RESULT 311
US-08-179-738-12/c
; Sequence 12, Application US/08179738
; Patent No. 5578462
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5578462el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/179,738
; FILING DATE: 10-JAN-1994
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-179-738-12

Query Match 0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 850 GCGAGGAGGAGCTGTTGAGG 871
|||:|||||
Db 22 GCTGAAGAGGAGCTGTTTCAGG 1

RESULT 312
US-08-217-529-6
; Sequence 6, Application US/08217529

; Patent No. 5597899
; GENERAL INFORMATION:
; APPLICANT: Banner, David
; APPLICANT: Lesslauer, Werner
; APPLICANT: Lotscher, Hanserudi
; APPLICANT: Stuber, Dietrich
; TITLE OF INVENTION: Tumor Necrosis Factor Muteins
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: George M. Gould, Esq., Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/217,529
; FILING DATE: 24-MAR-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93810224.1
; FILING DATE: 29-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Roseman, Catherine R
; REGISTRATION NUMBER: 34240
; REFERENCE/DOCKET NUMBER: 4105/155
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 235-6208
; TELEFAX: (201) 235-3500
; INFORMATION FOR SEQ ID NO: 6:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: primer 29/MR2
; US-08-217-529-6

Query Match 0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3633 GAGCTGGGCGAGCTGTCCTTG 3654
Db 1 GAGCTGGGCGAGCTGTCCTTG 22

RESULT 313
US-08-480-884-7/c
; Sequence 7, Application US/08480884
; Patent No. 5824475
; GENERAL INFORMATION:
; APPLICANT: No. 5824475man C. Nelson and
; APPLICANT: Daniel L. Kacian
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SCREENING ASSAY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,884
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/094,577
; FILING DATE: July 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olson, Douglas E.
; REGISTRATION NUMBER: 22,798
; REFERENCE/DOCKET NUMBER: 202/114
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-480-884-7

Query Match 0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1803 CGTCTGGTCTCTTTGGGGTCTG 1824
Db 22 CTTCGAGTCTTTGGGGACCTG 1

RESULT 314
US-08-628-145-12/c
; Sequence 12, Application US/08628145
; Patent No. 5872214
; GENERAL INFORMATION:
; APPLICANT: Seizinger, Bernd R.
; APPLICANT: Kley, Nikolai A.
; APPLICANT: Bianchi, Albert B.
; TITLE OF INVENTION: No. 5872214el NF2 Isoforms
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reed & Robins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: U.S.A
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/628,145
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/179,738
; FILING DATE: 10-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Robins, Roberta L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5998-0017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-628-145-12

Query Match 0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 850 GCCGAGGAGGAGCTGTGGAGG 871

Db 22 GCTGAGAGGAGCTGTTCAGG 1

RESULT 315

PCT-US94-08024-7/c
Sequence 7, Application PC/TUS9408024

GENERAL INFORMATION:

APPLICANT: OLIGONUCLEOTIDE SCREENING

TITLE OF INVENTION: ASSAY

NUMBER OF SEQUENCES: 10

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect (5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/08024

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/094,577

FILING DATE: 19-JUL-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US94-08024-7

Query Match 0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1803 CGTCGTCCTTTGGGTCCTG 1824

Db 22 CTTGAGTCCTTTGGGACCTG 1

RESULT 316

US-08-782-047-24

Sequence 24, Application US/08782047

Patent No. 5795726

GENERAL INFORMATION:

APPLICANT: Gluckmann, M. Alexandra

TITLE OF INVENTION: Therapeutic Compositions and Methods and

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD

STREET: 60 State Street, suite 510

CITY: Boston

STATE: Massachusetts

COUNTRY: USA

ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

Diagnostic Assa

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/782,047

FILING DATE: January 10, 1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/760,246

FILING DATE: December 4, 1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/749,431

FILING DATE: No. 5795726ember 15, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/748,229

FILING DATE: No. 5795726ember 12, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Arnold, Beth E.

REGISTRATION NUMBER: 35,430

REFERENCE/DOCKET NUMBER: MIQ-011CP3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400

TELEFAX: (617)227-5941

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-782-047-24

Query Match

Best Local Similarity 0.4%; Score 15.4; DB 1; Length 17;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 54 GCTGCAGGTGCTGAATG 70

Db 1 GCTGCAGGTGCTGAATG 17

RESULT 317

US-08-749-431A-21

Sequence 21, Application US/08749431A

Patent No. 580098

GENERAL INFORMATION:

APPLICANT: Gluckmann, M. Alexandra

TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;

TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2170

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/749,431A

FILING DATE: 15-NOV-1996

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Arnold, Beth E.

REGISTRATION NUMBER: 35,430

REFERENCE/DOCKET NUMBER: MIA-011.02

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-832-1000

TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-749-431A-21

Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 54 GCTGCAGGTGCTGAATG 70
DB 1 GCTGCAGGTGCTGAATG 17

RESULT 318
US-08-924-870A-24
; Sequence 24, Application US/08924870A
; Patent No. 613491

GENERAL INFORMATION:
; APPLICANT: G1 cksmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND
; TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/924,870A
; FILING DATE: 05-SEP-1997
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/782,047
; FILING DATE: 10-JAN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-011.27.2

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1294
; TELEFAX: 617-832-7000

INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"

US-08-924-870A-24
Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 54 GCTGCAGGTGCTGAATG 70
DB 1 GCTGCAGGTGCTGAATG 17

RESULT 319

US-08-584-040-4210
; Sequence 4210, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 4210:

SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-584-040-4210

Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGGA 1625

DB 1 AAGUGUAUCCACAGGGA 17

RESULT 320

US-08-584-040-4242
; Sequence 4242, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

;/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
;/ CONDITIONS RELATED TO LEVELS
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;/ TITLE OF INVENTION: GROWTH FACTOR
;/ NUMBER OF SEQUENCES: 8502
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ SUITE: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066

;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: Word Perfect 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/584,040
;/ FILING DATE: January 11, 1996
;/ CLASSIFICATION: 514

;/ APPLICATION NUMBER: 60/005,974
;/ FILING DATE: October 26, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/064
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510

;/ INFORMATION FOR SEQ ID NO: 4242:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear

US-08-584-040-4242
Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.1e+02;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1798 AGTGACGCTGTGTCCTT 1814
||:||||:|:|:|:
Db 1 AGUGAGCUGUGUCUU 17

RESULT 321
US-08-584-040-5784
;/ Sequence 5784, Application US/08584040
;/ Patent No. 6346398
;/ GENERAL INFORMATION:
;/ APPLICANT: Pavco, Pamela
;/ APPLICANT: McSwiggen, James
;/ APPLICANT: Stinchcomb, Dan T.
;/ APPLICANT: Escobedo, Jaime
;/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;/ TREATMENT OF DISEASES OR
;/ CONDITIONS RELATED TO LEVELS
;/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
;/ CONDITIONS RELATED TO LEVELS
;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;/ GROWTH FACTOR
;/ NUMBER OF SEQUENCES: 8502
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ SUITE: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.

;/ ZIP: 90071-2066
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: Word Perfect 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/584,040
;/ FILING DATE: January 11, 1996
;/ CLASSIFICATION: 514

;/ APPLICATION NUMBER: 60/005,974
;/ FILING DATE: October 26, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/064
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510

;/ INFORMATION FOR SEQ ID NO: 5784:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear

US-08-584-040-5784
Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGA 1625
||:||||:|:|:|:
Db 1 AAGUGAUCACACAGGA 17

RESULT 322
US-09-474-432B-772
;/ Sequence 772, Application US/09474432B
;/ Patent No. 6528640
;/ GENERAL INFORMATION:
;/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
;/ APPLICANT: Beigelman, Leo
;/ APPLICANT: Burgin, Alex
;/ APPLICANT: Beaudry, Amber
;/ APPLICANT: Karpeisky, Alex
;/ APPLICANT: Adamic, Jasenka
;/ APPLICANT: Sweedler, David
;/ APPLICANT: Zinnen, Shawn

;/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
;/ FILE REFERENCE: MBH800-831-B (247/276)
;/ CURRENT APPLICATION NUMBER: US/09/474,432B
;/ CURRENT FILING DATE: 1999-12-19
;/ PRIOR APPLICATION NUMBER: US 60/064,866
;/ PRIOR FILING DATE: 1997-11-05
;/ PRIOR APPLICATION NUMBER: US 60/084,727
;/ PRIOR FILING DATE: 1998-04-29
;/ PRIOR APPLICATION NUMBER: US 09/186,675
;/ PRIOR FILING DATE: 1998-11-04
;/ PRIOR APPLICATION NUMBER: US 09/301,511
;/ PRIOR FILING DATE: 1999-04-28
;/ NUMBER OF SEQ ID NOS: 1526
;/ SOFTWARE: Patent in version 3.0
;/ SEQ ID NO: 772
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens

US-09-474-432B-772
Query Match 0.4%; Score 15.4; DB 1; Length 17;

Best Local Similarity 76.5%; Pred. No. 4.1e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1678 GACTTGGGCTGGCCCG 1694
|||:|||||:|||||
Db 1 GACUUGGGGCGGUCUG 17

RESULT 323
US-09-371-772B-1977
; Sequence 1977, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1977
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1977

Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGATCCACAGGGA 1625
|||:|||||:|||||
Db 1 AAGUGAUCCACAGGGA 17

RESULT 324
US-09-371-772B-2009
; Sequence 2009, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2009
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2009

Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.1e+02;

Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1798 AGTGACGTCTGGTCCTT 1814
||:|||||:|||||:|
Db 1 AGUGACGUCGGUCUUU 17

RESULT 325
US-09-371-772B-6729
; Sequence 6729, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6729
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6729

Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1610 AGTGATCCACAGGGAC 1626
||:|||||:|||||
Db 1 AGUGAUCCACAGGGAC 17

RESULT 326
US-09-371-772B-6730
; Sequence 6730, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6730
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6730

Query Match 0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.1e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Query Match 0.4%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2975 AGAGGACCGGCTTTT 2991
DB 2 AGATGACCGGCTTTT 18

RESULT 334
US-08-256-426B-21
; Sequence 21, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-21

Query Match 0.4%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2975 AGAGGACCGGCTTTT 2991
DB 2 AGATGACCGGCTTTT 18

RESULT 335
US-09-555-889A-5/c

; Sequence 5, Application US/09555889A
; Patent No. 6429299
; GENERAL INFORMATION:
; APPLICANT: Bowler, Chris
; Mustilli, Anna Chiara
; TITLE OF INVENTION: Nucleotide sequence encoding the tomato light
; hypersensitive phenotype, coded proteins and uses thereof
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robert J. Jondle
; STREET: 555 13th Street NW, Suite 701-E
; CITY: Washington
; STATE: District of Columbia
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/555,889A
; FILING DATE: 09-Apr-2001
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-555-889A-5

Query Match 0.4%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1291 GCCGTGAAGATGCTGAA 1307
DB 19 GCCGTGAAGATGCTGAA 3

RESULT 336
US-09-780-045-110
; Sequence 110, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-110

Query Match 0.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3465 TATATATCTATATATATAT 3481
DB 1 TATATATCTATATATAT 17

RESULT 337
US-08-849-021-73/c

```
; FEATURE:
; OTHER INFORMATION: Primer
US-09-554-726A-28

Query Match      0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1747 GTGAAGTGGATGGCGCC 1763
Db 17 GTGAAGTGGATGGCGACC 1

RESULT 331
US-09-866-108A-7996
; Sequence 7996, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7996
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7996

Query Match      0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1992 CACCTTCAGCAGCTGG 2008
Db 1 CACCATCAGCAGCTGG 17

RESULT 332
US-09-475-947A-104/c
; Sequence 104, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-104

Query Match      0.4%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATA 2840
Db 18 ATATATATATATATATA 2

RESULT 333
US-07-977-284A-21
; Sequence 21, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-21
```

; Sequence 73, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-73

Query Match 0.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGT 2332
DB 17 TATGTGTGTGTGTGT 1

RESULT 338
US-08-368-704C-89/c
; Sequence 89, Application US/08368704C
; Patent No. 6087160
; GENERAL INFORMATION:
; APPLICANT: Yuan, Junying
; APPLICANT: Miura, Masayuki
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/368,704C
; FILING DATE: 4-JAN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/258,287
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/080,850
; FILING DATE: 24-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bugaisky, Lawrence B.
; REGISTRATION NUMBER: 35,086
; REFERENCE/DOCKET NUMBER: 0609.3920002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; TELEX: 248636 SSK
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; US-08-368-704C-89

Query Match 0.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAGATGA 1369
DB 20 GGAGTTGATGAGATGA 4

RESULT 339
US-09-716-161A-34/c
; Sequence 34, Application US/09716161A
; Patent No. 6355482
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0176
; CURRENT APPLICATION NUMBER: US/09/716,161A
; CURRENT FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-716-161A-34

Query Match 0.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 721 ACCACCGACAGGAGCT 737
DB 20 ACCACCGACAGGAGCT 4

RESULT 340
US-09-101-997-4/c
; Sequence 4, Application US/09101997
; Patent No. 6406890
; GENERAL INFORMATION:

```

; APPLICANT: Mueller, Manfred W.
; TITLE OF INVENTION: Process for the Amplification of Nucleic
; FILE OF INVENTION: Acid
; FILE REFERENCE: GRUE-002
; CURRENT APPLICATION NUMBER: US/09/101,997
; CURRENT FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: PCT/EP97/00160
; PRIOR FILING DATE: 1997-01-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-101-997-4

Query Match          0.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2835 TATATATATAACATATA 2851
Db 19 TTTATATATAACATATA 3

RESULT 341
US-09-101-997-8/c
; Sequence 8, Application US/09101997
; Patent No. 6406890
; GENERAL INFORMATION:
; APPLICANT: Mueller, Manfred W.
; TITLE OF INVENTION: Acid
; FILE REFERENCE: GRUE-002
; CURRENT APPLICATION NUMBER: US/09/101,997
; CURRENT FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: PCT/EP97/00160
; PRIOR FILING DATE: 1997-01-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: n=t, a, g or c
; OTHER INFORMATION: reaction substrate
US-09-101-997-8

Query Match          0.4%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2835 TATATATATAACATATA 2851
Db 19 TTTATATATAACATATA 3

RESULT 342
US-09-423-890-28
; Sequence 28, Application US/09423890
; Patent No. 6312934
; GENERAL INFORMATION:
; APPLICANT: CADUS PHARMACEUTICAL CORPORATION
; TITLE OF INVENTION: HUMAN MEKK PROTEIN AND NUCLEIC ACID MOLECULES
; FILE REFERENCE: CPI-085CPPC
; CURRENT APPLICATION NUMBER: US/09/423,890
; CURRENT FILING DATE: 2000-03-06
```

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; PRIOR APPLICATION NUMBER: USSN 60/078,153
; PRIOR FILING DATE: 1998-03-16
; PRIOR APPLICATION NUMBER: USSN 60/099,165
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic construct
US-09-423-890-28

Query Match          0.4%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2001 GCAGCTGGTGGAGGACC 2017
Db 1 GCAGCTGGTGGAGGACC 17

RESULT 343
US-08-173-489C-20
; Sequence 20, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from n-myc
; DESCRIPTION: sequence region in Seq ID No. 586124419
; HYPOTHETICAL: Yes
; ANTI-SENSE: No
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 20 :FROM 1 TO 35
US-08-173-489C-20
```

```
Query Match      0.4%; Score 15.4; DB 1; Length 35;
Best Local Similarity 76.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTATTGCTTGTGCTTTTC 3286
DB 2 TTTTTCCTTTTTCCTTTTC 26

RESULT 344
US-08-222-177A-352
; Sequence 352, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n. (dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 352:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd111rs
; US-08-222-177A-352

Query Match      0.4%; Score 15.4; DB 1; Length 41;
Best Local Similarity 61.0%; Pred. No. 1.1e+03;
Matches 25; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 3047 TGGGCCCTGGCACTCTTGTCCACACACCCCAACTTCCA 3087
DB 1 TGAGACCTGACACACACACACACACACACACACACACA 41

RESULT 345
US-08-222-177A-355
; Sequence 355, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
```

```
; TITLE OF INVENTION: (dc-da)n. (dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 355:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd111rs
; US-08-222-177A-355

Query Match      0.4%; Score 15.4; DB 1; Length 41;
Best Local Similarity 61.0%; Pred. No. 1.1e+03;
Matches 25; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 3047 TGGGCCCTGGCACTCTTGTCCACACACCCCAACTTCCA 3087
DB 1 TGAGACCTGACACACACACACACACACACACACACACA 41

RESULT 346
US-09-496-694B-235/c
; Sequence 235, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 235
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

US-09-496-694B-235

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3458 AAGTTTATATATCTATAT 3477
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AAGTTTATATATATGT 1

RESULT 347

US-07-991-867B-15/c
; Sequence 15, Application US/07991867B
; Patent No. 5476781
; GENERAL INFORMATION:
; APPLICANT: Moyer, Richard W.
; APPLICANT: Hall, Richard L.
; APPLICANT: Gruidl, Michael E.
; TITLE OF INVENTION: No. 5476781el Entomopoxvirus Expression System
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David R. Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/991,867B
; FILING DATE: 12-DEC-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 92/14818
; FILING DATE: 12-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/827,685
; FILING DATE: 30-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/657,584
; FILING DATE: 19-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: UF114.C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 904-375-8100
; TELEFAX: 904-372-5800
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-07-991-867B-15

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3715 GAGGTGTACCCAAACCGGC 3734
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GAGGTGTACCCAAACCGGC 1

RESULT 348

US-08-033-081B-14

; Sequence 14, Application US/08033081B
; Patent No. 5498521
; GENERAL INFORMATION:
; APPLICANT: Dryja, Thaddeus P.
; APPLICANT: Berson, Elliot L.
; TITLE OF INVENTION: DIAGNOSIS OF HEREDITARY RETINAL
; TITLE OF INVENTION: DEGENERATIVE DISEASES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/033,081B
; FILING DATE: March 11, 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/825,296
; FILING DATE: January 23, 1992
; APPLICATION NUMBER: 07/469,215
; FILING DATE: January 24, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00246/069005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-033-081B-14

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 319 CCCACTCCCTCCATCTCCTG 338
| | | | | | | | | | | | | | | | | | | | | |
Db 1 CCCTATCCCTCCCTCCTG 20

RESULT 349

US-08-118-534A-6/c
; Sequence 6, Application US/08118534A
; Patent No. 5501963
; GENERAL INFORMATION:
; APPLICANT: burckhardt, jean
; TITLE OF INVENTION: Amplification and Detection of Nucleic
; TITLE OF INVENTION: Acids in Blood Samples
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/118,534A
FILING DATE: 08-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 2875/92
FILING DATE: 11-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Rocha, Patricia S.
REGISTRATION NUMBER: 31054
REFERENCE/DOCKET NUMBER: 4095/093
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 235-2441
TELEFAX: (201) 235-3500
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
US-08-118-534A-6

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 925 TTCTCTTTCATCTCTGGTGGT 944
Db 20 TTCTCTTTCATCTCTGGTCT 1

RESULT 350
US-08-107-755A-15/c
Sequence 15, Application US/08107755A
Patent No. 5721352
GENERAL INFORMATION:
APPLICANT: Moyer, Richard W.
APPLICANT: Hall, Richard L.
APPLICANT: Gruidl, Michael E.
TITLE OF INVENTION: No. 5721352el Entomopoxvirus Expression System
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: Florida
COUNTRY: U.S.A.
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/107,755A
FILING DATE: 19-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,658
FILING DATE: 30-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/657,584
FILING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: UF114.C2

TELECOMMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
TELEFAX: (904) 372-5800
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-107-755A-15

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3715 GAGGTGTCACCCCAACCGC 3734
Db 20 GAGGTGTTACCCCAACCGC 1

RESULT 351
US-08-913-050A-3
Sequence 3, Application US/08913050A
Patent No. 5827726
GENERAL INFORMATION:
APPLICANT: NEZU, Jun-ichi
TITLE OF INVENTION: DNA ENCODING PROTEIN KINASE
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 419 7th Street N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,050A
FILING DATE: 05-SEP-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 57104/1995
FILING DATE: 16-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP PCT/JP96/00660
FILING DATE: 15-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: YUN, Allen C.
REGISTRATION NUMBER: 37,971
REFERENCE/DOCKET NUMBER: NEZU-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-913-050A-3

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 70.0%; Pred. No. 5.6e+02;
Matches 14; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 1288 GTAGCCGTGAAGATGCTGAA 1307
Db 1 GTGCGGTGAARATGYTAA 20

RESULT 352

US-08-313-185-40
; Sequence 40, Application US/08313185
; Patent No. 5851763
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart
; APPLICANT: Young, Douglas
; APPLICANT: Zhang, Ying
; APPLICANT: Honore, Nadine
; APPLICANT: Telenti, Amalio
; APPLICANT: Bodmer, Thomas
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
; TITLE OF INVENTION: in Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/313,185
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0068-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-313-185-40

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1990 CCCACCTTCAAGCAGCTGGT 2009
|||||
Db 1 CCCACCATTCAGCAGCTGGT 20

RESULT 353

US-08-544-332-15/c
; Sequence 15, Application US/08544332
; Patent No. 5935777
; GENERAL INFORMATION:
; APPLICANT: Moyer, Richard W.
; APPLICANT: Hall, Richard L.
; APPLICANT: Guindl, Michael E.
; TITLE OF INVENTION: No. 5935777el Entomopoxvirus Expression System
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gerard H. Bencen
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville

STATE: FL
COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/544,332
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/991,867
FILING DATE: 07-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/107,755
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 92/14818
FILING DATE: 12-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,685
FILING DATE: 30-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/657,584
FILING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bencen, Gerard H.
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: Uf114.C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-544-332-15

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3715 GAGGTGTACCCAAACCGGC 3734
|||||
Db 20 GAGGTGTACCCAAACCGGC 1

RESULT 354

US-08-987-326-27
; Sequence 27, Application US/08987326
; Patent No. 6057105
; GENERAL INFORMATION:
; APPLICANT: NGI/Cancer Tech Company, LLC
; TITLE OF INVENTION: Detection of Melanoma or Breast Metastasis with a
; FILE REFERENCE: NGI 20823-701 CIP
; CURRENT APPLICATION NUMBER: US/08/987,326
; CURRENT FILING DATE: 1997-12-09
; EARLIER APPLICATION NUMBER: 08/406,307
; EARLIER FILING DATE: 1995-03-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer


```
; OTHER INFORMATION: sequence
US-08-987-326-27

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1809 GTCCCTTTGGGTCCTGCTCT 1828
Db 1 GTCCCTTTGGGTCCTGCTCT 20

RESULT 355
US-09-359-757-27
; Sequence 27, Application US/09359757
; Patent No. 6080546
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK5 EXPRESSION
; FILE REFERENCE: RTS-0078
; CURRENT APPLICATION NUMBER: US/09/359,757
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-757-27

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3401 ACGGTTTCCAGGAGGGGCC 3420
Db 1 ACGGTTTCCAGGAGGGTGCGCC 20

RESULT 356
US-09-082-614A-40
; Sequence 40, Application US/09082614A
; Patent No. 6124098
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart
; APPLICANT: Young, Douglas
; APPLICANT: Zhang, Ying
; APPLICANT: Honore, Nadine
; APPLICANT: Telenti, Amalio
; APPLICANT: Bodmer, Thomas
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
; TITLE OF INVENTION: in Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/082,614A
; FILING DATE:

; OTHER INFORMATION: sequence
US-08-987-326-27

CLASSIFICATION:
; PRIOR APPLICATION DATA: US 08/313,185
; FILING DATE: 12-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0068-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4400
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-082-614A-40

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1990 CCCACCTTCAGCAGCTGGT 2009
Db 1 CCCACCAITTCAGCAGCTGGT 20

RESULT 357
US-09-286-904-22/c
; Sequence 22, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-22

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGT 2340
Db 20 GTTAGTGTGTGTGTGTGTGT 1

RESULT 358
US-09-433-694-34
; Sequence 34, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433,694
```

; CURRENT FILING DATE: 1999-11-03
 ; NUMBER OF SEQ ID NOS: 89
 ; SEQ ID NO 34
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-433-694-34

Query Match 0.4%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3200 AGCTGGAGGATCCCTCCAA 3219
 |||||
 Db 1 AGCTGGAGGATCCATTCAA 20

RESULT 359
 US-09-280-805-147/c
 ; Sequence 147, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 209:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 US-09-280-805-209

Query Match 0.4%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1346 CTGAGTGGAGATGATCAAG 1365
 |||||
 Db 20 CTCAGTGAAGATGATGAGG 1

RESULT 361
 US-09-488-671-89/c
 ; Sequence 89, Application US/09488671A
 ; Patent No. 6187545
 ; GENERAL INFORMATION:
 ; APPLICANT: Robert McKay
 ; APPLICANT: Madeline M. Butler
 ; APPLICANT: Jacqueline Wyatt
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
 ; FILE REFERENCE: RTS-0123
 ; CURRENT APPLICATION NUMBER: US/09/488,671A
 ; CURRENT FILING DATE: 2000-01-21
 ; NUMBER OF SEQ ID NOS: 177
 ; SEQ ID NO 89
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

Query Match 0.4%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1346 CTGAGTGGAGATGATCAAG 1365
 |||||
 Db 20 CTCAGTGAAGATGATGAGG 1

RESULT 360
 US-09-280-805-209/c
 ; Sequence 209, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 209:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 US-09-280-805-209

Query Match 0.4%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATATATAT 3481
 |||||
 Db 20 TTATATATTTCTAATATAT 1

RESULT 361
 US-09-488-671-89/c
 ; Sequence 89, Application US/09488671A
 ; Patent No. 6187545
 ; GENERAL INFORMATION:
 ; APPLICANT: Robert McKay
 ; APPLICANT: Madeline M. Butler
 ; APPLICANT: Jacqueline Wyatt
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
 ; FILE REFERENCE: RTS-0123
 ; CURRENT APPLICATION NUMBER: US/09/488,671A
 ; CURRENT FILING DATE: 2000-01-21
 ; NUMBER OF SEQ ID NOS: 177
 ; SEQ ID NO 89
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

Query Match 0.4%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATATATAT 3481
 |||||
 Db 20 TTATATATTTCTAATATAT 1

RESULT 361
 US-09-488-671-89/c
 ; Sequence 89, Application US/09488671A
 ; Patent No. 6187545
 ; GENERAL INFORMATION:
 ; APPLICANT: Robert McKay
 ; APPLICANT: Madeline M. Butler
 ; APPLICANT: Jacqueline Wyatt
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
 ; FILE REFERENCE: RTS-0123
 ; CURRENT APPLICATION NUMBER: US/09/488,671A
 ; CURRENT FILING DATE: 2000-01-21
 ; NUMBER OF SEQ ID NOS: 177
 ; SEQ ID NO 89
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

Query Match 0.4%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1346 CTGAGTGGAGATGATCAAG 1365
 |||||
 Db 20 CTCAGTGAAGATGATGAGG 1

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-89

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2336 TGTGTGTGTGTGTGTGCACA 2355
DB 20 TGTGTGCATGTATGTGCACA 1

RESULT 362
US-09-593-711A-197/c
; Sequence 197, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-197

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1478 GGGCGCGCGCGCCCGCGGC 1497
DB 20 GGGCGCGCGCGCCCGCGGC 1

RESULT 363
US-08-530-862B-13/c
; Sequence 13, Application US/08530862B
; Patent No. 6291742
; GENERAL INFORMATION:
; APPLICANT: Chris Somerville
; APPLICANT: Pierre Broun
; APPLICANT: Frank van de Loo
; TITLE OF INVENTION: Production of Hydroxylated Fatty Acids in
; Genetically Modified Plants
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Winthrop, L.L.P.
; STREET: 1600 Tysons Boulevard
; CITY: McLean
; STATE: VA
; COUNTRY: USA
; ZIP: 22102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch
; COMPUTER: IBM PC-compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/530,862B
; FILING DATE: 06-Feb-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/11855
; FILING DATE: September 25, 1995
; APPLICATION NUMBER: US 08/530,862
```

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; FILING DATE: September 20, 1995
; APPLICATION NUMBER: US 08/320,982
; FILING DATE: October 11, 1994
; APPLICATION NUMBER: US 08/314,596
; FILING DATE: September 26, 1994
; INFORMATION FOR SEQ ID NO: 13
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 nucleotides
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-08-530-862B-13

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2982 CAGGGCTTTTCTGGCACCG 3001
DB 20 CAAGGCGTTTCTGGTACCG 1

RESULT 364
US-08-597-313D-13/c
; Sequence 13, Application US/08597313D
; Patent No. 6310194
; GENERAL INFORMATION:
; APPLICANT: Chris Somerville
; APPLICANT: Pierre Broun
; APPLICANT: Frank van de Loo
; TITLE OF INVENTION: Production of Hydroxylated Fatty Acids in
; Genetically Modified Plants
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Madison & Sutro, LLP
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS/PC-DOS
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/597,313D
; FILING DATE: February 6, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/530,862
; FILING DATE: September 20, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/320,982
; FILING DATE: October 11, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/314,596
; FILING DATE: September 26, 1994
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 nucleotides
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-08-597-313D-13

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2982 CAGGGCTTTTCTGGCACCG 3001
```

```
Db      20  CAAGGCGTTTCTGTACCG 1
|| ||| ||||| ||||| |||||
RESULT 365
US-09-716-161A-67/c
; Sequence 67, Application US/09716161A
; Patent No. 6355482
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0176
; CURRENT APPLICATION NUMBER: US/09/716,161A
; CURRENT FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-716-161A-67
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2093 GTGGCCAGACACCCCGC 2112
|| ||| ||||| ||||| |||||
Db      20  GTGGCCTGGACACAAACG 1

RESULT 366
US-09-659-791A-39/c
; Sequence 39, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-39
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      489 GCAGCGTACGCTGACG 508
|| ||| ||||| ||||| |||||
Db      20  GCAGCGCACATGCTGATG 1

RESULT 367
US-09-798-096-38/c
; Sequence 38, Application US/09798096
; Patent No. 6399378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; SEQ ID NO 60

Db      20  ATGATGATGATGCTGGGAA 1
|| ||| ||||| ||||| |||||
QY      1357 ATGATGATGATGCTGGGAA 1376
|| ||| ||||| ||||| |||||
Db      20  ATGATGATGATGCTGGGAA 1

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3715 GAGGTGTACCCCAACCGC 3734
|| ||| ||||| ||||| |||||
Db      20  GAGGTGTACCCCAACCGC 1

RESULT 369
US-09-676-610B-60/c
; Sequence 60, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 60

US-09-370-861A-15/c
; Sequence 15, Application US/09370861A
; Patent No. 6410221
; GENERAL INFORMATION:
; APPLICANT: Moyer, Richard W.
; APPLICANT: Hall, Richard L.
; APPLICANT: Gruidl, Michael E.
; TITLE OF INVENTION: No. 6410221el Entomopoxvirus Expression System
; FILE REFERENCE: UF114.C4.D1
; CURRENT APPLICATION NUMBER: US/09/370,861A
; CURRENT FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 07/991,867
; PRIOR FILING DATE: 1992-12-07
; PRIOR APPLICATION NUMBER: US 08/107,755
; PRIOR FILING DATE: 1993-08-19
; PRIOR APPLICATION NUMBER: WO 92/14818
; PRIOR FILING DATE: 1992-02-12
; PRIOR APPLICATION NUMBER: US 07/827,685
; PRIOR FILING DATE: 1992-01-30
; PRIOR APPLICATION NUMBER: US 07/657,584
; PRIOR FILING DATE: 1991-02-19
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide RM92.
US-09-370-861A-15
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3715 GAGGTGTACCCCAACCGC 3734
|| ||| ||||| ||||| |||||
Db      20  GAGGTGTACCCCAACCGC 1
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-60

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1671 GATCGCAGACTTCGGCTGG 1690
Db 20 GATCACAGATTTGGGCTGG 1

RESULT 370
US-09-640-101-22/c
; Sequence 22, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-640-101-22

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTCGGTGTGT 2340
Db 20 GTTAGTGTGTGTGCATGTGT 1

RESULT 371
US-09-725-265-23
; Sequence 23, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20

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; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-23

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3473 TATATATATATTTTATTTGAG 3492
Db 1 TATATATATATTTTGGG 20

RESULT 372
US-09-568-407-6
; Sequence 6, Application US/09568407
; Patent No. 6544768
; GENERAL INFORMATION:
; APPLICANT: Buck, Jochen
; APPLICANT: Levin, Lonny R
; TITLE OF INVENTION: Mammalian Soluble Adenylyl Cyclase
; FILE REFERENCE: 2650/IG008US2
; CURRENT APPLICATION NUMBER: US/09/568,407
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/133,802
; PRIOR FILING DATE: 1999-05-11
; PRIOR APPLICATION NUMBER: 60/161,534
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-568-407-6

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1998 CAAGCAGCTGTGTGAGGACC 2017
Db 1 CGAGCAGCTGTGTGAGATCC 20

RESULT 373
US-09-060-299-75/c
; Sequence 75, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor

```

/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: US
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/060,299
/ FILING DATE: 15-APR-1998
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/043,553
/ FILING DATE: 15-APR-1997
/ PRIOR APPLICATION DATA: US 60/048,740
/ FILING DATE: 05-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: B.J.Sadoff
/ REGISTRATION NUMBER: 36,663
/ REFERENCE/DOCKET NUMBER: 620-35
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)816-4091
/ TELEFAX: (703)816-4100
/ INFORMATION FOR SEQ ID NO: 75:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-060-299-75

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 157 GCTCCATCTCTGGAGATGA 176
Db 20 GCTGCATCTCTGGAGA 1

RESULT 374
US-09-402-923A-75/c
/ Sequence 75, Application US/09402923A
/ Patent No. 6555654
/ GENERAL INFORMATION:
/ APPLICANT: Todd, John A
/ Hess, John W
/ Caskey, Charles T
/ Cox, Roger D
/ Gerhold, David
/ Hammond, Holly
/ Hey, Patricia
/ Kawaguchi, Yoshihiko
/ Merriman, Tony R
/ Metzker, Michael L
/ TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
/ NUMBER OF SEQUENCES: 455
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Nixon and Vanderhye
/ STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: US
/ ZIP: VA 22201-4714
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/402,923A

/ FILING DATE: 14-Feb-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/GB98/01102
/ FILING DATE: 15-APR-1998
/ APPLICATION NUMBER: US 60/043,553
/ FILING DATE: 15-APR-1997
/ APPLICATION NUMBER: US 60/048,740
/ FILING DATE: 05-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: B.J.Sadoff
/ REGISTRATION NUMBER: 36,663
/ REFERENCE/DOCKET NUMBER: 620-81
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)816-4091
/ TELEFAX: (703)816-4100
/ INFORMATION FOR SEQ ID NO: 75:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 75:
/ US-09-402-923A-75

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 157 GCTCCATCTCTGGAGATGA 176
Db 20 GCTGCATCTCTGGAGA 1

RESULT 375
US-10-139-842B-52
/ Sequence 52, Application US/10139842B
/ Patent No. 6620623
/ GENERAL INFORMATION:
/ APPLICANT: The University of Chicago
/ APPLICANT: Yershov, Gennadiy
/ APPLICANT: Alferov, Oleg
/ APPLICANT: Kukhtin, Alexander
/ TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
/ FILE OF INVENTION: POSITIONING
/ FILE REFERENCE: ANL-IN-01-052
/ CURRENT APPLICATION NUMBER: US/10/139,842B
/ CURRENT FILING DATE: 2002-05-06
/ NUMBER OF SEQ ID NOS: 74
/ SOFTWARE: Patent in version 3.2
/ SEQ ID NO 52
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Completely Synthesized
/ US-10-139-842B-52

Query Match 0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGATGATGAAGATGA 1369
Db 1 GATGATGATGATGATGA 20

RESULT 376
US-10-139-842B-74
/ Sequence 74, Application US/10139842B
/ Patent No. 6620623
/ GENERAL INFORMATION:
/ APPLICANT: The University of Chicago
/ APPLICANT: Yershov, Gennadiy

; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR

```

;
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;
COMPUTER: IBM PS/2 Model 50Z or 55SX
;

```



```
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-639A-45

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATGAT 1370
Db 1 ATGATGATGATGATGATGAT 20

RESULT 384
US-08-663-639A-49/c
; Sequence 49, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-663-639A-82

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGATGATGAAGATGA 1369
Db 20 GATGATGATGATGATGATGA 1

RESULT 386
US-08-663-639A-86
; Sequence 86, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATGAT 1370
Db 1 ATGATGATGATGATGATGATGAT 20

RESULT 384
US-08-663-639A-49/c
; Sequence 49, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-663-639A-49

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATGAT 1370
Db 1 ATGATGATGATGATGATGATGAT 20
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ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-86

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGATGATGAAGATGA 1369
Db 2 GATGATGATGATGATGA 21

RESULT 387
US-09-136-080E-49
Sequence 49, Application US/09136080E
Patent No. 6518017
GENERAL INFORMATION:
APPLICANT: Riley, Timothy A.
APPLICANT: Brown, Bob D.
APPLICANT: Arnold, Lyle J.
TITLE OF INVENTION: COMBINATORIAL ANTISENSE LIBRARY
FILE REFERENCE: OASBIO.003A
CURRENT APPLICATION NUMBER: US/09/136,080E
CURRENT FILING DATE: 1998-08-18
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Fast-SEQ for Windows Version 3.0
SEQ ID NO 49
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)...(16)
OTHER INFORMATION: Glen research spacer 9 (cat # 10-1909-90) between c 15 and c 16
LOCATION: (21)...(21)
OTHER INFORMATION: propyl linker attached to t 21
US-09-136-080E-49

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1434 GCTGGTGGAGTACGGCCCA 1453
Db 1 GCUGGUGAGUACUCCGCCA 20

RESULT 388
US-09-389-956-82/c

Sequence 82, Application US/09389956
Patent No. 6586579
GENERAL INFORMATION:
APPLICANT: Huang, Shi
TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,
Antibodies and Methods
FILE REFERENCE: P-LJ 3611
CURRENT APPLICATION NUMBER: US/09/389,956
CURRENT FILING DATE: 1999-09-03
NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 82
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-389-956-82

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1722 GAAGACAACCAAGCGCGC 1741
Db 21 GAAGACAATCAACAGCGGC 2

RESULT 389
US-09-079-723-166
Sequence 166, Application US/09079723
Patent No. 6703362
GENERAL INFORMATION:
APPLICANT: Alvarez, Vernon L.
APPLICANT: O'Mahony, Daniel J.
APPLICANT: Lambkin, Imelda J.
APPLICANT: Singleton, Judith
APPLICANT: Patterson, Catherine A.
APPLICANT: Cagney, Gerard M.
APPLICANT: Belinka, Benjamin A.
APPLICANT: Carter, John M.
TITLE OF INVENTION: RANDOM PEPTIDES THAT BIND TO GASTRO-
INTESTINAL TRACT (GIT) TRANSPORT RECEPTORS AND RELATED METHODS
NUMBER OF SEQUENCES: 265
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/079,723
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-219
TELEPHONE: 212-790-9090
TELEFAX: 212-869-9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 166:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-09-079-723-166

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3651 CTTGCTTGCCTGCAGGCCA 3670
|||||
Db 1 CTTGCATGCTGCAGGTCA 20

RESULT 390

US-09-232-785-390

; Sequence 390, Application US/09232785
; Patent No. 6733965

; GENERAL INFORMATION:

; APPLICANT: International Paper Co.

; APPLICANT: Echt, Craig. S

; APPLICANT: Nelson, C. Dana

; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES

; TITLE OF INVENTION: THEREOF

; FILE REFERENCE: 4481/1E18US1

; CURRENT APPLICATION NUMBER: US/09/232,785

; PRIOR FILING DATE: 1999-01-19

; PRIOR APPLICATION NUMBER: 09/232,884

; NUMBER OF SEQ ID NOS: 397

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 390

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Pinus taeda L.

US-09-232-785-390

Query Match

0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGCAGATGATGAAGATGAT 1370
|||||
Db 1 ATGCATGATGATGATGAT 20

RESULT 391

PCT-US93-11915-4/c

; Sequence 4, Application PC/TUS9311915

; GENERAL INFORMATION:

; APPLICANT: Kufe, Donald

; APPLICANT: Abe, Miyako

; TITLE OF INVENTION: ENHANCER SEQUENCE FOR MODULATING

; TITLE OF INVENTION: EXPRESSION IN EPITHELIAL CELLS

; NUMBER OF SEQUENCES: 8

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson

; STREET: 225 Franklin Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: U.S.A.

; ZIP: 02110-2804

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; OPERATING SYSTEM: IBM PS/2 Model 502 or 55SX

; SOFTWARE: WordPerfect (Version 5.1)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US93/11915

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/999,742

; FILING DATE: December 31, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Fraser, Janis K.

; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 00530/065W01

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617) 542-5070

; TELEFAX: (617) 542-8906

; TELEX: 200154

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21

; TYPE: nucleic acid

; STRANDEDNESS: double

; TOPOLOGY: linear

PCT-US93-11915-4

Query Match

0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3067 TCCACACCCCACTTCC 3086
|||||
Db 21 TCCCTCCCACTTCC 2

RESULT 392

US-10-003-998A-7/c

; Sequence 7, Application US/10003998A

; Patent No. 6664064

; GENERAL INFORMATION:

; APPLICANT: Roche Diagnostics GmbH

; TITLE OF INVENTION: Method for melting curve analysis of repetitive PCR

; TITLE OF INVENTION: products

; FILE REFERENCE: 5438/00/EP

; CURRENT APPLICATION NUMBER: US/10/003,998A

; CURRENT FILING DATE: 2001-11-14

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 29

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-003-998A-7

Query Match

0.4%; Score 15.2; DB 1; Length 29;
Best Local Similarity 71.4%; Pred. No. 8.9e+02;

Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3308 GATTTTCTTAGGAGATTTTGTG 3335
|||||
Db 28 GATTTTCTTAGGAGATTTTGTG 1

RESULT 393

US-08-296-793-2

; Sequence 2, Application US/08296793

; Patent No. 5580731

; GENERAL INFORMATION:

; APPLICANT: CHANG, CHU-AN

; APPLICANT: URDEA, MICHAEL S..

; APPLICANT: HORN, THOMAS

; TITLE OF INVENTION: NOVEL N-4 MODIFIED PYRIMIDINE

; TITLE OF INVENTION: DEOXYNUCLEOTIDES AND OLIGONUCLEOTIDE PROBES SYNTHESIZED

; TITLE OF INVENTION: THEREWITH

; NUMBER OF SEQUENCES: 3

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CHIRON CORPORATION

; STREET: 4560 Horton Street

; CITY: Emeryville

; STATE: CA

; COUNTRY: U.S.A.

; ZIP: 94608

; COMPUTER READABLE FORM: disk

; MEDIUM TYPE: Floppy

; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/296,793
FILING DATE: 25-AUG-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GOLDMAN, KENNETH M.
REGISTRATION NUMBER: 34,174
REFERENCE/DOCKET NUMBER: 0409.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2719
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 11..15
OTHER INFORMATION: /product= "N represents compound 5"
OTHER INFORMATION: or compound 15"
US-08-296-793-2

Query Match 0.4%; Score 15.2; DB 1; Length 30;
Best Local Similarity 68.0%; Pred. No. 9.3e+02;
Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTT 3334
|||||
DB 1 TTTTCTTTNNNNNTTTT 25
|||||

RESULT 394
US-08-771-781-2
Sequence 2, Application US/08711781
Patent No. 6027886
GENERAL INFORMATION:
APPLICANT: LEYING, Hermann
APPLICANT: HINZPETER, Matthias
APPLICANT: WITTOR, Heiko
APPLICANT: FRITTON, Hans-Peter
TITLE OF INVENTION: METHOD FOR THE QUANTITATIVE
DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth Street N.W. Suite 330
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-5701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/771,781
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 48 680.3
FILING DATE: 23-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Muray, Robert B.
REGISTRATION NUMBER: 22,980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-5000
TELEFAX: (202)638-4810

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
US-08-771-781-2

Query Match 0.4%; Score 15.2; DB 1; Length 30;
Best Local Similarity 71.4%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3266 TTATTGTCTTGTCTTTTCAGGAGAA 3293
|||||
DB 1 TTTTCTTTTTCAGGCGTA 28
|||||

RESULT 395
PCT-US92-10792-1
Sequence 1, Application PC/TUS9210792
GENERAL INFORMATION:
APPLICANT: Jayasena, Sumedha D.
APPLICANT: Johnston, Brian H.
TITLE OF INVENTION: Triple Helix Formation at
TITLE OF INVENTION: (PuNPyN) - (PuNPyN) Tracts
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: SRI International
STREET: 333 Ravenswood Avenue
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10792
FILING DATE: 19921211
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,934
FILING DATE: 21-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/808,452
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: P-3141
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 859-4550
TELEFAX: (415) 859-3880
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: OLIGONUCLEOTIDE I, FIGURE 8
PCT-US92-10792-1

Query Match 0.4%; Score 15.2; DB 1; Length 32;
Best Local Similarity 71.4%; Pred. No. 9.9e+02;
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3258 AAGATATTTTATTTGCTTTTTCCTCTTTT 3285
|||||

Thu Oct 28 12:48:24 2004

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; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-849-021-9

Query Match      0.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTGT 2332
DB      1 TGTGTGTGTGTGTGT 15

RESULT 399
US-08-849-021-10
; Sequence 10, Application US/08849021
; Patent No. 595276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-849-021-10

Query Match      0.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2319 GTGTGTGTGTGTGTG 2333
DB      1 GTGTGTGTGTGTGTG 15

RESULT 400
US-08-787-321-24/C
; Sequence 24, Application US/08787321A
; Patent No. 6180777
; GENERAL INFORMATION:
; APPLICANT: HORN, THOMAS
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
; FILE REFERENCE: (1300)-1199,002
; CURRENT APPLICATION NUMBER: US/08/787,321A
; CURRENT FILING DATE: 1997-01-03
; EARLIER APPLICATION NUMBER: US PROV 60/009,918
; EARLIER FILING DATE: 1996-01-12
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-08-787-321-24

Query Match      0.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2319 GTGTGTGTGTGTGTG 2333
DB      15 GTGTGTGTGTGTGTG 1

RESULT 401
US-09-371-772B-6070
; Sequence 6070, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6070
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6070

Query Match      0.4%; Score 15; DB 1; Length 16;

```

Best Local Similarity 53.3%; Pred. No. 4.3e+02; Indels 0; Gaps 0;
Matches 8; Conservative 7; Mismatches 0;

QY 2319 GTGTGTGTGTGTG 2333
|:|:|:|:|:|:|:|:
Db 1 GUGUGUGUGUGUG 15

RESULT 402

US-08-849-021-16/c
; Sequence 16, Application US/08849021
; Patent No. 5955276

; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE

; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE

; TITLE OF INVENTION: PRIMERS FOR THE

; TITLE OF INVENTION: DETECTION OF GENETIC

; TITLE OF INVENTION: POLYMORPHISMS

; NUMBER OF SEQUENCES: 89

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: E. I. DU PONT DE NEMOURS AND

; ADDRESSEE: COMPANY

; STREET: 1007 MARKET STREET

; CITY: WILMINGTON

; STATE: DELAWARE

; COUNTRY: U.S.A.

; ZIP: 19898

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/849,021

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/346,456

; FILING DATE: 28 NOVEMBER 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: FLOYD, LINDA AXAMETHY

; REGISTRATION NUMBER: 33,692

; REFERENCE/DOCKET NUMBER: BB-1064-A

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 302-892-8112

; TELEFAX: 302-992-7949

; INFORMATION FOR SEQ ID NO: 16:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-08-849-021-16

Query Match 0.4%; Score 15; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 4.7e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2320 TGTGTGTGTGTGTC 2334
|:|:|:|:|:|:|:|:
Db 17 TGTGTGTGTGTGTC 3

RESULT 403

US-09-205-204-21/c

; Sequence 21, Application US/09205204

; Patent No. 5958772

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Elizabeth J. Ackermann

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESS

; FILE REFERENCE: RTS-0020

; CURRENT APPLICATION NUMBER: US/09/205,204

; CURRENT FILING DATE: 1998-12-03

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 21

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-204-21

Query Match 0.4%; Score 15; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1606 CAGAAGTGCATCCAC 1620
|:|:|:|:|:|:|:|:
Db 17 CAGAAGTGCATCCAC 3

RESULT 404

US-08-787-321-27/c

; Sequence 27, Application US/08787321A

; Patent No. 6180777

; GENERAL INFORMATION:

; APPLICANT: Horn, Thomas

; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS

; FILE REFERENCE: (1300)-1199,002

; CURRENT APPLICATION NUMBER: US/08/787,321A

; CURRENT FILING DATE: 1997-01-03

; EARLIER APPLICATION NUMBER: US PROV 60/009,918

; EARLIER FILING DATE: 1996-01-12

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 27

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:

; OTHER INFORMATION: oligonucleotide

US-08-787-321-27

Query Match 0.4%; Score 15; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2333
|:|:|:|:|:|:|:|:
Db 19 GTGTGTGTGTGTG 5

RESULT 405

US-09-593-711A-173

; Sequence 173, Application US/09593711A

; Patent No. 6271030

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Madeline M. Butler

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION

; FILE REFERENCE: RTS-0118

; CURRENT APPLICATION NUMBER: US/09/593,711A

; CURRENT FILING DATE: 2000-06-14

; NUMBER OF SEQ ID NOS: 244

; SEQ ID NO.173

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-593-711A-173

Query Match 0.4%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2639 TCCAGCACCTTGTGC 2653
DB 2 TCCAGCACCTTGTGC 16

RESULT 406

US-09-659-791A-47
Sequence 47, Application US/09659791A
Patent No. 6383808
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
CURRENT APPLICATION NUMBER: US/09/659,791A
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-47

Query Match 0.4%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 GGCATCAAGCTGGG 396
DB 2 GGCATCAAGCTGGG 16

RESULT 407

US-08-584-040-3021
Sequence 3021, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3021:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3021

Query Match 0.4%; Score 14.8; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1391 TCAACCTGCTGGCGCCT 1408
DB 1 UUAACCGUGGGAGCCU 18

RESULT 408

US-08-584-040-6244
Sequence 6244, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6244:


```
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-584-040-6244

Query Match      0.4%; Score 14.8; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGGCTGGGCGCG 1695
Db 1 GACUUCGGCUUGGCCCGG 18

RESULT 409
US-09-498-625-12
; Sequence 12, Application US/09498625
; Patent No. 6420346
; GENERAL INFORMATION:
; APPLICANT: Karin, Nathan
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATING RHEUMATOID
; FILE REFERENCE: 00/20186
; CURRENT APPLICATION NUMBER: US/09/498,625
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-09-498-625-12

Query Match      0.4%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 550 CTGCGGCGCCCAACGAGCG 567
Db 1 CTACCGGCCAGCCAGCG 18

RESULT 410
US-09-371-772B-1449
; Sequence 1449, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1449
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1449

Query Match      0.4%; Score 14.8; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
```

```
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1391 TCAACCTGCTGGGCGCCT 1408
Db 1 UUAACCGUGGAGGAGCCU 18

RESULT 411
US-09-371-772B-3004
; Sequence 3004, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3004
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3004

Query Match      0.4%; Score 14.8; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 5.4e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGGCTGGGCGCG 1695
Db 1 GACUUCGGCUUGGCCCGG 18

RESULT 412
US-09-679-298A-42
; Sequence 42, Application US/09679298A
; Patent No. 6566131
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION
; FILE REFERENCE: RTS-0045
; CURRENT APPLICATION NUMBER: US/09/679,298A
; CURRENT FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-298A-42

Query Match      0.4%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 168 GCGAGATGACGAAGACGG 185
Db 1 GCGAGTTGACGAGATGG 18

RESULT 413
```



```
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-128-202.mis2
US-09-338-907-546

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2315 GTCTGTGTGTGTGTGT 2332
Db 1 GTATGTATGTGTGTGT 18

RESULT 417
US-09-218-207-483
; Sequence 483, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 483
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-148-129.mis1
US-09-218-207-483

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3469 TATCTATATATATTT 3486
Db 1 TATCTATACAAATTT 18

RESULT 418
US-09-218-207-546
; Sequence 546, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 546
; LENGTH: 19
; TYPE: DNA
```

```
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-128-202.mis2
US-09-218-207-546

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2315 GTCTGTGTGTGTGTGT 2332
Db 1 GTATGTATGTGTGTGT 18

RESULT 419
US-08-983-605-118/c
; Sequence 118, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 118
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
; ORGANISM: 08-983-605-118

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 404 AGTGAGCCTGTCATGG 421
Db 18 AGTGGATGCTGTCATGG 1

RESULT 420
US-09-101-997-4
; Sequence 4, Application US/09101997
; Patent No. 6406890
; GENERAL INFORMATION:
; APPLICANT: Mueller, Manfred W.
; TITLE OF INVENTION: Process for the Amplification of Nucleic
; TITLE OF INVENTION: Acid
; FILE REFERENCE: GRUE-002
; CURRENT APPLICATION NUMBER: US/09/101,997
; CURRENT FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: PCT/EP97/00160
; PRIOR FILING DATE: 1997-01-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-101-997-4

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Thu Oct 28 12:48:24 2004

```
QY 2815 GTATGTTATATATACA 2832
Db 2 GTATGTTATATATAAA 19

RESULT 421
US-09-101-997-8
; Sequence 8, Application US/09101997
; Patent No. 6406890
; GENERAL INFORMATION:
; APPLICANT: Mueller, Manfred W.
; TITLE OF INVENTION: Process for the Amplification of Nucleic
; FILE REFERENCE: GRUE-002
; CURRENT APPLICATION NUMBER: US/09/101,997
; CURRENT FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: PCT/EP97/00160
; PRIOR FILING DATE: 1997-01-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: n=t, a, g or c
; OTHER INFORMATION: reation substrate
US-09-101-997-8

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2905 GGCAGGCGATGGCCCTGGG 2922
Db 1 GGAGGCGATGGCTCTGGG 18

RESULT 423
US-08-250-856A-26/c
; Sequence 26, Application US/08250856A
; Patent No. 5563255
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,856A
; FILING DATE: May 31, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-250-856A-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAGGAG 861
Db 20 CTGCCAGCGGAGGAGGAG 3

REFERENCE/DOCKET NUMBER: ISIS-182
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-07-847-055A-4

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2815 GTATGTTATATATACA 2832
Db 2 GTATGTTATATATAAA 19

RESULT 422
US-07-847-055A-4
; Sequence 4, Application US/07847055A
; Patent No. 5530114
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Arachidonic Acid Metabolism
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & No. 5530114ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/847,055A
; FILING DATE: 19920403
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/516,969
; FILING DATE: April 30, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
```

RESULT 424

US-08-158-189-48/c
; Sequence 48, Application US/08158189
; Patent No. 5641497
; GENERAL INFORMATION:
; APPLICANT: Bevins, Charles L.
; APPLICANT: Jones, Douglas E.
; TITLE OF INVENTION: Gastrointestinal Defensin Peptides,
; TITLE OF INVENTION: cDNA Sequences, Methods for Production and Use Thereof
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641497ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/158,189
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/888,232
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Philip S.
; REGISTRATION NUMBER: 27,200
; REFERENCE/DOCKET NUMBER: CH-0219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown

US-08-158-189-48
Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 655 AATGGCAGCAAGGTGGC 672
Db 20 AATGGCAGCAAGGTGGC 3

RESULT 425

US-08-468-037A-11/c
; Sequence 11, Application US/08468037A
; Patent No. 5859221
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,037A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 835,932
FILING DATE: 05-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-468-037A-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 844 CTGCCAGCGGAGGAGGAG 861
Db 20 CTGCCAGCGGAGGAGGAG 3

RESULT 426

US-08-471-973A-11/c
; Sequence 11, Application US/08471973A
; Patent No. 5872232
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,973A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 835,932
; FILING DATE: 05-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases

Query Match	Best Local Similarity	Score	DB 1;	DB 2;	DB 3;	DB 4;	DB 5;	DB 6;	DB 7;	DB 8;	DB 9;	DB 10;	DB 11;	DB 12;	DB 13;	DB 14;	DB 15;	DB 16;	DB 17;	DB 18;	DB 19;	DB 20;	DB 21;	DB 22;	DB 23;	DB 24;	DB 25;	DB 26;	DB 27;	DB 28;	DB 29;	DB 30;	DB 31;	DB 32;	DB 33;	DB 34;	DB 35;	DB 36;	DB 37;	DB 38;	DB 39;	DB 40;	DB 41;	DB 42;	DB 43;	DB 44;	DB 45;	DB 46;	DB 47;	DB 48;	DB 49;	DB 50;	DB 51;	DB 52;	DB 53;	DB 54;	DB 55;	DB 56;	DB 57;	DB 58;	DB 59;	DB 60;	DB 61;	DB 62;	DB 63;	DB 64;	DB 65;	DB 66;	DB 67;	DB 68;	DB 69;	DB 70;	DB 71;	DB 72;	DB 73;	DB 74;	DB 75;	DB 76;	DB 77;	DB 78;	DB 79;	DB 80;	DB 81;	DB 82;	DB 83;	DB 84;	DB 85;	DB 86;	DB 87;	DB 88;	DB 89;	DB 90;	DB 91;	DB 92;	DB 93;	DB 94;	DB 95;	DB 96;	DB 97;	DB 98;	DB 99;	DB 100;	DB 101;	DB 102;	DB 103;	DB 104;	DB 105;	DB 106;	DB 107;	DB 108;	DB 109;	DB 110;	DB 111;	DB 112;	DB 113;	DB 114;	DB 115;	DB 116;	DB 117;	DB 118;	DB 119;	DB 120;	DB 121;	DB 122;	DB 123;	DB 124;	DB 125;	DB 126;	DB 127;	DB 128;	DB 129;	DB 130;	DB 131;	DB 132;	DB 133;	DB 134;	DB 135;	DB 136;	DB 137;	DB 138;	DB 139;	DB 140;	DB 141;	DB 142;	DB 143;	DB 144;	DB 145;	DB 146;	DB 147;	DB 148;	DB 149;	DB 150;	DB 151;	DB 152;	DB 153;	DB 154;	DB 155;	DB 156;	DB 157;	DB 158;	DB 159;	DB 160;	DB 161;	DB 162;	DB 163;	DB 164;	DB 165;	DB 166;	DB 167;	DB 168;	DB 169;	DB 170;	DB 171;	DB 172;	DB 173;	DB 174;	DB 175;	DB 176;	DB 177;	DB 178;	DB 179;	DB 180;	DB 181;	DB 182;	DB 183;	DB 184;	DB 185;	DB 186;	DB 187;	DB 188;	DB 189;	DB 190;	DB 191;	DB 192;	DB 193;	DB 194;	DB 195;	DB 196;	DB 197;	DB 198;	DB 199;	DB 200;	DB 201;	DB 202;	DB 203;	DB 204;	DB 205;	DB 206;	DB 207;	DB 208;	DB 209;	DB 210;	DB 211;	DB 212;	DB 213;	DB 214;	DB 215;	DB 216;	DB 217;	DB 218;	DB 219;	DB 220;	DB 221;	DB 222;	DB 223;	DB 224;	DB 225;	DB 226;	DB 227;	DB 228;	DB 229;	DB 230;	DB 231;	DB 232;	DB 233;	DB 234;	DB 235;	DB 236;	DB 237;	DB 238;	DB 239;	DB 240;	DB 241;	DB 242;	DB 243;	DB 244;	DB 245;	DB 246;	DB 247;	DB 248;	DB 249;	DB 250;	DB 251;	DB 252;	DB 253;	DB 254;	DB 255;	DB 256;	DB 257;	DB 258;	DB 259;	DB 260;	DB 261;	DB 262;	DB 263;	DB 264;	DB 265;	DB 266;	DB 267;	DB 268;	DB 269;	DB 270;	DB 271;	DB 272;	DB 273;	DB 274;	DB 275;	DB 276;	DB 277;	DB 278;	DB 279;	DB 280;	DB 281;	DB 282;	DB 283;	DB 284;	DB 285;	DB 286;	DB 287;	DB 288;	DB 289;	DB 290;	DB 291;	DB 292;	DB 293;	DB 294;	DB 295;	DB 296;	DB 297;	DB 298;	DB 299;	DB 300;	DB 301;	DB 302;	DB 303;	DB 304;	DB 305;	DB 306;	DB 307;	DB 308;	DB 309;	DB 310;	DB 311;	DB 312;	DB 313;	DB 314;	DB 315;	DB 316;	DB 317;	DB 318;	DB 319;	DB 320;	DB 321;	DB 322;	DB 323;	DB 324;	DB 325;	DB 326;	DB 327;	DB 328;	DB 329;	DB 330;	DB 331;	DB 332;	DB 333;	DB 334;	DB 335;	DB 336;	DB 337;	DB 338;	DB 339;	DB 340;	DB 341;	DB 342;	DB 343;	DB 344;	DB 345;	DB 346;	DB 347;	DB 348;	DB 349;	DB 350;	DB 351;	DB 352;	DB 353;	DB 354;	DB 355;	DB 356;	DB 357;	DB 358;	DB 359;	DB 360;	DB 361;	DB 362;	DB 363;	DB 364;	DB 365;	DB 366;	DB 367;	DB 368;	DB 369;	DB 370;	DB 371;	DB 372;	DB 373;	DB 374;	DB 375;	DB 376;	DB 377;	DB 378;	DB 379;
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;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;/ COMPUTER: IBM PS/2
;/ OPERATING SYSTEM: PC-DOS
;/ SOFTWARE: WORDPERFECT 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/756,806A
;/ FILING DATE: No. 5952229ember 26, 1996
;/ CLASSIFICATION: 536
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: PCT/US95/07111
;/ FILING DATE: May 31, 1995
;/ APPLICATION NUMBER: 08/250,856
;/ FILING DATE: May 31, 1994
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Jane Massey Licata
;/ REGISTRATION NUMBER: 32,257
;/ REFERENCE/DOCKET NUMBER: ISPH-0200
;/ TELEPHONE: (609) 779-2400
;/ TELEFAX: (609) 810-1454
;/ INFORMATION FOR SEQ ID NO: 26:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20
;/ TYPE: Nucleic Acid
;/ STRANDEDNESS: Single
;/ TOPOLOGY: Linear
;/ ANTI-SENSE: Yes
;/ US-08-756-806A-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861
DB 20 CTGCCAGGGGAGGAGGAG 3

RESULT 430
US-08-849-021-68
; Sequence 68, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;/ US-08-849-021-82

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;

;/ REGISTRATION NUMBER: 33,692
;/ REFERENCE/DOCKET NUMBER: BB-1064-A
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 302-892-8112
;/ TELEFAX: 302-992-7949
;/ INFORMATION FOR SEQ ID NO: 68:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA (genomic)
;/ US-08-849-021-68

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTGTG 2333
DB 3 TATATGTGTGTGTGTGTG 20

RESULT 431
US-08-849-021-82
; Sequence 82, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;/ US-08-849-021-82

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTG 2333
| | | | | | | | | |
Db 3 TATATGTGTGTGTGTG 20

RESULT 432
US-08-465-880-11/c
; Sequence 11, Application US/08465880
; Patent No. 5955589
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,880
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 244,993
; FILING DATE: 21-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-465-880-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861
| | | | | | | | | |
Db 20 CTGCCAGGAGGAGGAG 3

RESULT 433
US-09-035-357-11/c
; Sequence 11, Application US/09035357
; Patent No. 6005087
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA

; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/035,357
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,037
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-035-357-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861
| | | | | | | | | |
Db 20 CTGCCAGGAGGAGGAG 3

RESULT 434
US-09-143-214-26/c
; Sequence 26, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/143,214
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6090626ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:


```
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-143-214-26

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861
Db 20 CTGCCAGGAGGAGGAGGAG 3

RESULT 435
US-09-000-136-12/c
; Sequence 12, Application US/09000136
; Patent No. 6096720
; GENERAL INFORMATION:
; APPLICANT: Love, William G
; APPLICANT: Sharmar, Thomas
; APPLICANT: Phillips, Judith A
; APPLICANT: Nicklin, Paul L
; APPLICANT: Hamilton, Karen O
; TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
; FILE REFERENCE: 4-20536/PA 2112
; CURRENT APPLICATION NUMBER: US/09/000,136
; EARLIER FILING DATE: 1998-04-23
; EARLIER APPLICATION NUMBER: GB 9515743.4
; EARLIER FILING DATE: 1995-08-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: oligonucleotide has uniform phosphorothiate
; OTHER INFORMATION: backbones, nucleotides 1-12 are substituted by
; OTHER INFORMATION: methoxy at the 2' position of the sugar moiety
US-09-000-136-12

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861
Db 20 CTGCCAGGAGGAGGAGGAG 3

RESULT 436
US-09-209-668-7/c
; Sequence 7, Application US/09209668A
; Patent No. 6114517
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: METHODS OF MODULATING TUMOR NECROSIS FACTOR
; TITLE OF INVENTION: alpha-INDUCED EXPRESSION OF CELL ADHESION MOLECULES
; FILE REFERENCE: ISPH-0336
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; CURRENT APPLICATION NUMBER: US/09/209,668A
; CURRENT FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-209-668-7

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGGCCCGG 1695
Db 20 GACTTTGGCTGGCCCGG 3

RESULT 437
US-09-418-641-87/c
; Sequence 87, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: R1S-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-87

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1123 ACGCTGGCCAATGCTCTCC 1140
Db 20 ACCCTAGCCAATGCTCTCC 3

RESULT 438
US-09-287-796-31/c
; Sequence 31, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-31

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGCGCCGG 1695
Db      20 GACTTTGGCCTGCGCCGG 3

RESULT 439
US-09-287-796-42
; Sequence 42, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; EARLIER FILING DATE: 1999-04-07/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-42

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGCGCCGG 1695
Db      1 GACTTTGGCCTGCGCCGG 18

RESULT 440
US-09-418-640-76
; Sequence 76, Application US/09418640
; Patent No. 6140125
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
; FILE REFERENCE: RTS-0102
; CURRENT APPLICATION NUMBER: US/09/418,640
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-76

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;

US-09-418-640-76

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGCGCCGG 1695
Db      1 GACTTTGGCCTGCGCCGG 18

RESULT 441
US-09-433-699-11
; Sequence 11, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-11

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 51 GCGGCTGCAGGTGCTGAA 68
Db      3 GCGGCGCGGCTGCTGAA 20

RESULT 442
US-09-433-699-43/c
; Sequence 43, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-43

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1358 TGATGAGATGATCGGGA 1375
Db      20 TGATGAAGATGATGAGGA 3

RESULT 443
US-09-490-692-32/c
; Sequence 32, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
```

```
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-32

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1169 GGGAGTGTCTCGGGCCC 1186
Db 18 GGTCCTGTCTCGGGCCC 1

RESULT 444
US-09-517-584A-32/c
; Sequence 32, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-32

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 620 AGCCCAACATCCAGTGGC 637
Db 18 AGAACCAACATCCAGTGGC 1

RESULT 445
US-09-429-322-53/c
; Sequence 53, Application US/09429322A
; Patent No. 6190869
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0100
; CURRENT APPLICATION NUMBER: US/09/429,322A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-53

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1872 TGTGAGGAGCTCTTCAA 1889
Db 18 TGAGGAGGAGCTCTTCCA 1

Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1872 TGTGAGGAGCTCTTCAA 1889
Db 18 TGAGGAGGAGCTCTTCCA 1

RESULT 446
US-09-130-616-31/c
; Sequence 31, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-31

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTCGGCTGCGCCGG 1695
Db 20 GACTTGGCTGCGCCGG 3

RESULT 447
US-09-130-616-42
; Sequence 42, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-42

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 1678 GACTTCGGGCTGGCCCCG 1695
|||
Db 1 GACTTTCGCCCTGGCCCCG 18

RESULT 448

```

US-09-503-172A-7/c
; Sequence 7, Application US/09503172A
; Patent No. 6284510
; GENERAL INFORMATION:
; APPLICANT: ITO, Tetsuya
; APPLICANT: FUJITA, Koki
; APPLICANT: HARA, Kozo
; APPLICANT: TONOUZUKA, Takashi
; APPLICANT: SAKANO, Yoshiyuki
; TITLE OF INVENTION: BETA-FRUCTOFURAN
; FILE REFERENCE: 10749-0001-0
; CURRENT APPLICATION NUMBER: US/09/503-172A-7
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: JP 160411
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Arthrobacter sp.
US-09-503-172A-7

```

Query Match	0.4%;	Score 14.8;	DB 1;	Length 20;
Best Local Similarity	72.2%;	Pred. No. 6.3e+02;		
Matches 13;	Conservative	4;	Mismatches 1;	Gaps 0;

Qy 528 CCGGCCCATCTGCAGGC 545
| : | : | : | : | : | : |
Db 19 CSGGSCCGTCCTGSAGSC 2

RESULT 449

```

US-09-044-781A-14
/ Sequence 14, Application US/09044781A
/ Patent No. 6399328
/ GENERAL INFORMATION:
/ APPLICANT: Vournakis, J.
/ APPLICANT: Seth, A.
/ APPLICANT: Papas, T.
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF BREAST CANCER
/ TITLE OF INVENTION: BREAST CANCER
/ FILE REFERENCE: 10545-004-999
/ CURRENT APPLICATION NUMBER: US/09/044781A
/ CURRENT FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/044,422
/ PRIOR FILING DATE: 1997-03-21
/ NUMBER OF SEQ ID NOS: 16
/ SOFTWARE: FastSeq for Windows Version 1.0
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-044-781A-14

```

Query Match	0.4%	Score 14.8;	DB 1;	Length 20;
Best Local Similarity	88.9%;	Pred. No. 6.3e+02;		
Matches 16;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

Qy 52 CGGCTGCAGGTGCTGAAT 69
Db 1 CGGCTGCTGGTGTCTGATT 18

RESULT 450

US-09-135-202-11/c
Sequence 11, Application US/09135202
Patent No. 6399754
GENERAL INFORMATION:
APPLICANT: Phillip Dan Cook
APPLICANT: Andrew Kawasaki
TITLE OF INVENTION: Sugar Modified Oligonucleotides
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSES: Woodcock Washburn Kurtz Mackiewicz and No. 6399754 is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,202
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,973
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Joseph Lucci
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-09-135-202-11

Query Match	0.4%;	Score 14.8;	DB 1;	Length 20;
Best Local Similarity	88.9%;	Pred. No. 6.3e+02;		
Matches 16:	Conservative	0;	Mismatches 2;	Indels 0;
	Capable	0;	Gaps 0;	

Qy 844 CTGCCAGCCGAGGAGGAG 861
 ||||| |||||
 Db 20 CTGCCAGGGGAGGAGGAG 3

RESIT.T 451

```

RESULTS 431
US-09-506-073-27/c
; Sequence 27, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856

```

;
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-27

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGAGGAGGAG 861
|||||
DB 20 CTGCCAGCGAGGAGGAG 3

RESULT 452
US-09-150-661-6/c
; Sequence 6, Application US/09150661
; Patent No. 6455249
; GENERAL INFORMATION:
; APPLICANT: Hsu, Ih-Chang
; APPLICANT: Highsmith Jr., William E.
; APPLICANT: Shih, James
; TITLE OF INVENTION: Method of Amplifying DNA and RNA Mismatch Cleavage
; FILE REFERENCE: 14751H
; CURRENT APPLICATION NUMBER: US/09/150,661
; CURRENT FILING DATE: 1998-09-10
; EARLIER APPLICATION NUMBER: 60/058,419
; EARLIER FILING DATE: 1997-09-10
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; TYPE: DNA
; ORGANISM: Human breast tumor cell line
US-09-150-661-6

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2695 CCACCTCCACCGCTGCC 2712
|||||
DB 19 CCACCTGCCACCGCTGCAC 2

RESULT 453
US-09-622-277-10/c
; Sequence 10, Application US/09622277
; Patent No. 6521407
; GENERAL INFORMATION:
; APPLICANT: Warenaus, Hilmar Meek
; APPLICANT: Seabra, Laurence Anthony
; TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UP
; FILE REFERENCE: 1417-188
; CURRENT APPLICATION NUMBER: US/09/622,277
; CURRENT FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: PCT/GB99/00500
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
; PRIOR FILING DATE: 1998-02-18

;
; PRIOR APPLICATION NUMBER: GB 9803446.5
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 antisense
US-09-622-277-10

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2695 CCACCTCCACCGCTGCC 2712
|||||
DB 19 CCACCTGCCACCGCTGCAC 2

RESULT 454
US-09-954-560-12
; Sequence 12, Application US/09954560
; Patent No. 6524854
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION
; FILE REFERENCE: RTS-0132
; CURRENT APPLICATION NUMBER: US/09/954,560
; CURRENT FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-12

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 GGCCAATGTCGAGCT 1145
|||||
DB 3 GGCCAATGTCGAGCT 20

RESULT 455
US-09-389-283-11/c
; Sequence 11, Application US/09389283
; Patent No. 6531584
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/389,283

```
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/035,357
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Joseph Lucci
/ REGISTRATION NUMBER: 33,307
/ REFERENCE/DOCKET NUMBER: ISIS-2004
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ANTI-SENSE: yes
/
US-09-389-283-11

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      844 CTGCCAGCGGAGGAGGAG 861
Db      20 CTGCCAGCGGAGGAGGAG 3

RESULT 456
US-09-422-978-7832/c
/ Sequence 7832, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 7832
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: upstream amplification primer 99-8614 for SEQ 3898,
US-09-422-978-7832

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2974 CAGAGGACCGGCTTTT 2991
Db      20 CAGAGAACCGGCTTGT 3

RESULT 457
US-09-198-452A-6513/c
/ Sequence 6513, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Griffaie, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevent
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6513
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6513

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      743 TTCTCTCTCTTGCAACG 760
Db      19 TCCTCTCTCTAGCACACG 2

RESULT 458
US-09-953-318-97
/ Sequence 97, Application US/09953318
/ Patent No. 6710174
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: RTS-0232
/ CURRENT APPLICATION NUMBER: US/09/953,318
/ CURRENT FILING DATE: 2001-09-13
/ NUMBER OF SEQ ID NOS: 154
/ SEQ ID NO 97
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-97

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1352 TGGAGATGATGAGATGA 1369
Db      1 TGGTGATGATGAGATGA 18

RESULT 459
PCT-US95-07111A-26/c
/ Sequence 26, Application PC/TUS9507111A
/ GENERAL INFORMATION:
/ APPLICANT: Monia, Brett P. and Boggs, Russell T.
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation
/ TITLE OF INVENTION: of rat Gene Expression
/ NUMBER OF SEQUENCES: 54
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 210 Lake Drive East, Suite 201
/ CITY: Cherry Hill
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08002
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.1
```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US95/07111A
;; FILING DATE: May 31, 1995
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/250,856
;; FILING DATE: May 31, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0135
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (609) 779-2400
;; TELEFAX: (609) 779-8488
;; INFORMATION FOR SEQ ID NO: 26:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
PCT-US95-07111A-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAGGAG 861
DB 20 CTGCCAGCGGAGGAGGAG 3

RESULT 460

US-08-182-175A-24/c
; Sequence 24, Application US/08182175A
; Patent No. 5559223
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E.I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System, 6.0
SOFTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,175A
FILING DATE:

CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
FILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Axamechy Floyd
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1031
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
TELEFAX: (302) 892-7949
TELEX: 835420
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid

;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: 1..21
;; OTHER INFORMATION: /product= "synthetic oligonucleotide"
;; OTHER INFORMATION: /standard_name= "SM 91"
US-08-182-175A-24

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATCAT 1370
DB 18 GGAGAAGATGAAGAAGAT 1

RESULT 461

US-08-344-960-4/c
; Sequence 4, Application US/08344960
; Patent No. 5710038
; GENERAL INFORMATION:
; APPLICANT: Mes-Masson, Anne-Marie
; APPLICANT: Provencher, Diane
; TITLE OF INVENTION: PRIMARY CULTURES OF NORMAL AND TUMORAL
; TITLE OF INVENTION: HUMAN OVARIAN EPITHELIUM
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: NJ
; COUNTRY: USA
; ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,960
FILING DATE: 25-NOV-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson, David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1051-1-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-7800
TELEFAX: 201-343-1684
TELEX: 133521

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-344-960-4

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2695-CCACTTCCCACTGCC 2712
DB 21 CCACTTCCCACTGCC 4

RESULT 462

US-08-474-633A-46/c
; Sequence 46, Application US/08474633A
; Patent No. 5773691
; GENERAL INFORMATION:
; APPLICANT: E. I. DU PONT DE NEMOURS AND
; APPLICANT: COMPANY
; TITLE OF INVENTION: CHIMERIC GENES AND
; TITLE OF INVENTION: METHODS FOR INCREASING
; TITLE OF INVENTION: INCREASING THE LYSINE
; TITLE OF INVENTION: AND THEONINE CONTENT
; TITLE OF INVENTION: OF THE SEEDS OF PLANTS
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSES: E. I. DU PONT DE NEMOURS
; ADDRESSES: AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD VERSION 2.0C
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,633A
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: BARBARA C. SIEGELL
; REGISTRATION NUMBER: 30,684
; REFERENCE/DOCKET NUMBER: BB-1037-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-992-4931
; TELEFAX: 302-773-0164
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..21
; OTHER INFORMATION: /product= "synthetic
; OTHER INFORMATION: oligonucleotide"
; OTHER INFORMATION: /standard_name= "SM
; OTHER INFORMATION: 91"
US-08-474-633A-46

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1353 GGAGATGATGAAGATGAT 1370
DB 18 GGAGAGATGAAGAGAT 1
RESULT 463
US-09-109-663-43
; Sequence 43, Application US/09109663
; Patent No. 6277981
; GENERAL INFORMATION:
; APPLICANT: Tu, Guang-Chou
; APPLICANT: Israel, Yedy
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 9855-301
; CURRENT APPLICATION NUMBER: US/09/109,663

; CURRENT FILING DATE: 1998-07-03
; EARLIER APPLICATION NUMBER: 60/051,705
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
US-09-109-663-43

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1806 CTGGTCCTTTGGGTCTT 1823
DB 1 CTGGTCCTTTGGGTCTT 18

RESULT 464
US-09-311-912-6
; Sequence 6, Application US/09311912
; Patent No. 6331393
; GENERAL INFORMATION:
; APPLICANT: Peter W. Laird, Cindy A. Eads and Kathleen D. Danenberg
; TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT DNA
; TITLE OF INVENTION: METHYLATION ANALYSIS
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Davis Wright Tremaine LLP
; STREET: 1501 Fourth Avenue
; STREET: 2600 Century Square
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-1688
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-3.5 inch, 1.44 MB storage
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/311,912
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: N/A
; APPLICATION NUMBER: N/A
; FILING DATE: N/A
; ATTORNEY/AGENT INFORMATION:
; NAME: Jeffrey B. Oster
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 47675-9
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 628-7711
; TELEFAX: (206) 628-7699
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: No
US-09-311-912-6

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 857 AGGAGCTGGTGGAGGCTG 874
||||| ||||| ||||| |||||
Db 1 AGGAGTTGGTGGAGGCTG 18

RESULT 465

US-08-823-771-46/c

; Sequence 46, Application US/08823771

; Patent No. 6459019

; GENERAL INFORMATION:

; APPLICANT: E. I. DU PONT DE NEMOURS AND

; TITLE OF INVENTION: CHIMERIC GENES AND

; METHODS FOR INCREASING

; INCREASING THE LYSINE

; AND THREONINE CONTENT

; NUMBER OF SEQUENCES: 107

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: E. I. DU PONT DE NEMOURS

; AND COMPANY

; STREET: 1007 MARKET STREET

; CITY: WILMINGTON

; STATE: DELAWARE

; COUNTRY: U.S.A.

; ZIP: 19898

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: MICROSOFT WORD VERSION 2.0C

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/823,771

; FILING DATE: 24-Mar-1997

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/474,633

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: BARBARA C. STEGELL

; REGISTRATION NUMBER: 30,684

; REFERENCE/DOCKET NUMBER: BB-1037-C

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 302-992-4931

; TELEFAX: 302-773-0164

; TELEX: 835420

; INFORMATION FOR SEQ ID NO: 46:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: 1..21

; OTHER INFORMATION: /product= "synthetic

; oligonucleotide"

; /standard_name= "SM

; 91"

; SEQUENCE DESCRIPTION: SEQ ID NO: 46:

US-08-823-771-46

Query Match 0.4%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 6.7e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATGAT 1370

||||| ||||| ||||| |||||

Db 18 GGAGAAGATGAAGAGAT 1

RESULT 466

US-09-375-140-5/c

; Sequence 737, Application US/09657472

; Patent No. 6727063

; GENERAL INFORMATION:

; Sequence 5, Application US/09375140

; Patent No. 6489540

; GENERAL INFORMATION:

; APPLICANT: Kavanagh, T.

; APPLICANT: Lao, N.

; TITLE OF INVENTION: A NOVEL PLASTID-TARGETING NUCLEIC ACID SEQUENCE. A

; TITLE OF INVENTION: NOVEL BETA-AMYLASE SEQUENCE, A STIMULUS-RESPONSIVE

; FILE REFERENCE: 9341-017

; CURRENT APPLICATION NUMBER: US/09/375,140

; CURRENT FILING DATE: 1999-08-16

; NUMBER OF SEQ ID NOS: 11

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 5

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-375-140-5

Query Match 0.4%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 6.7e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2213 AACAAATGTGAGGGTCCC 2230

||||| ||||| ||||| |||||

Db 19 AACAAATGTGAGGGATCCC 2

RESULT 467

US-09-526-193A-204

; Sequence 204, Application US/09526193A

; Patent No. 6617122

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Pimstone, Simon N.

; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING

; TITLE OF INVENTION: CHOLESTEROL LEVELS

; FILE REFERENCE: 50110/002005

; CURRENT APPLICATION NUMBER: US/09/526,193A

; CURRENT FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 60/151,977

; PRIOR FILING DATE: 1999-09-01

; NUMBER OF SEQ ID NOS: 287

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 204

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-526-193A-204

Query Match 0.4%; Score 14.8; DB 1; Length 21;

Best Local Similarity 88.9%; Pred. No. 6.7e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 497 ACACGCTGGAGCTGCTGG 514

||||| ||||| ||||| |||||

Db 1 ACACGCTGGAGCTGCTGG 18

RESULT 468

US-09-657-472-737/c

; Sequence 737, Application US/09657472

; Patent No. 6727063

; GENERAL INFORMATION:

APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolck, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
PRIOR FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 737
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-657-472-737

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 6.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1386 CATCATCAACCTGCTGGCG 1405
DB 20 CAACATCCAYGCTGGCG 1

RESULT 469
PCT-US92-06412-24/c

Sequence 24, Application PC/TUS9206412

GENERAL INFORMATION:

APPLICANT: Saverio Carl Falco

APPLICANT: Sharon J. Keeler

APPLICANT: Janet A. Rice

TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F

NUMBER OF SEQUENCES: 113

CORRESPONDENCE ADDRESS:

ADDRESSEE: E. I. du Pont de Nemours and Company

STREET: 1007 Market Street

CITY: Wilmington

STATE: Delaware

COUNTRY: USA

ZIP: 19898

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: Macintosh

OPERATING SYSTEM: Macintosh System, 6.0

SOFTWARE: Microsoft Word, 4.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/06412

FILING DATE: 19920807

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/743,006

FILING DATE: 9 August 1991

ATTORNEY/AGENT INFORMATION:

NAME: Linda Axamethy Floyd

REGISTRATION NUMBER: 33,692

REFERENCE/DOCKET NUMBER: BB-1031

TELECOMMUNICATION INFORMATION:

TELEPHONE: (302) 992-4929

TELEFAX: (302) 892-7949

TELEX: 835420

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 91"
PCT-US92-06412-24

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATGAT 1370

DB 18 GGAGAGATGAAGAGAT 1

RESULT 470

PCT-US95-14418-35/c

Sequence 35, Application PC/TUS9514418

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: DNA Encoding a Thermostable DNA Polymerase Enzyme

NUMBER OF SEQUENCES: 51

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/14418

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Gass, David A.

REGISTRATION NUMBER: 38,153

REFERENCE/DOCKET NUMBER: 28003/32330

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

PCT-US95-14418-35

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701

DB 20 TCCAGGCTTCCCACTTC 3

RESULT 471

PCT-US95-14418-36

Sequence 36, Application PC/TUS9514418

GENERAL INFORMATION:

APPLICANT:

APPLICANT: DNA Encoding a Thermostable DNA Polymerase Enzyme
TITLE OF INVENTION: 51
NUMBER OF SEQUENCES: 35;
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/14418
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/32330
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-14418-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTCC 19

RESULT 472
PCT-US95-15327-35/c
Sequence 35, Application PC/TUS9515327
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Biologically Active Fragments of
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15327
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/31716
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-15327-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTCC 19

RESULT 474
US-09-725-265-6
Sequence 6, Application US/09725265
Patent No. 6492121

TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-15327-35

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTCC 3

RESULT 473
PCT-US95-15327-36
Sequence 36, Application PC/TUS9515327
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Biologically Active Fragments of
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15327
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/31716
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-15327-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTCC 19

RESULT 474
US-09-725-265-6
Sequence 6, Application US/09725265
Patent No. 6492121

GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-6

Query Match 0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 7;

QY 3259 AGATATTTTATTGCTTGTGCTCTTTT 3284
| | | | | | | | | | | | | | | | | | | | | |
Db 5 ATATTTTTTTTGTGTTTTTTTTTTT 30

RESULT 475
US-09-725-265-7
; Sequence 7, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-7

Query Match 0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 7;

QY 3259 AGATATTTTATTGCTTGTGCTCTTTT 3284
| | | | | | | | | | | | | | | | | | | | | |
Db 5 ATATTTTTTTTGTGTTTTTTTTTTT 30

RESULT 476
US-09-725-265-12
; Sequence 12, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-12

Query Match 0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03; 7; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 7;

QY 3259 AGATATTTTATTGCTTGTGCTCTTTT 3284
| | | | | | | | | | | | | | | | | | | | | |
Db 5 ATATTTTTTTTGTGTTTTTTTTTTT 30

RESULT 477
US-09-556-127-6
; Sequence 6, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:

```
/ OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-6

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3284
Db 5 ATATTTTTTTTGTTTTTTTTTTTT 30

RESULT 478
US-09-556-127-7
/ Sequence 7, Application US/09556127
/ Patent No. 6699661
/ GENERAL INFORMATION:
/ APPLICANT: KURANE, RYUICHIRO
/ APPLICANT: KANAGAWA, TAKAHIRO
/ APPLICANT: KANAGATA, YOICHI
/ APPLICANT: YAMADA, KAZUTAKA
/ APPLICANT: YOKOMAKU, TOYOKAZU
/ APPLICANT: KOYAMA, OSAMU
/ APPLICANT: FURUSHO, KENTA
/ TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
/ TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
/ FILE REFERENCE: 0163-0758-0X
/ CURRENT APPLICATION NUMBER: US/09/556,127
/ CURRENT FILING DATE: 2002-06-17
/ PRIOR APPLICATION NUMBER: JP 1999-111601
/ PRIOR FILING DATE: 1999-04-20
/ NUMBER OF SEQ ID NOS: 70
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 7
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-7

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3284
Db 5 ATATTTTTTTTGTTTTTTTTTTTT 30

RESULT 479
US-09-556-127-12
/ Sequence 12, Application US/09556127
/ Patent No. 6699661
/ GENERAL INFORMATION:
/ APPLICANT: KURANE, RYUICHIRO
/ APPLICANT: KANAGAWA, TAKAHIRO
/ APPLICANT: KANAGATA, YOICHI
/ APPLICANT: YAMADA, KAZUTAKA
/ APPLICANT: YOKOMAKU, TOYOKAZU
/ APPLICANT: KOYAMA, OSAMU
/ APPLICANT: FURUSHO, KENTA
/ TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
/ TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
/ FILE REFERENCE: 0163-0758-0X
/ CURRENT APPLICATION NUMBER: US/09/556,127
/ CURRENT FILING DATE: 2002-06-17
/ PRIOR APPLICATION NUMBER: JP 1999-111601
/ PRIOR FILING DATE: 1999-04-20
/ NUMBER OF SEQ ID NOS: 70
/ SOFTWARE: PatentIn version 3.1
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/ SEQ ID NO 12
/ LENGTH: 30
/ TYPE: DNA
/ ORGANISM: ARTIFICIAL SEQUENCE
/ FEATURE:
/ OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-12

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3284
Db 5 ATATTTTTTTTGTTTTTTTTTTTT 30

RESULT 480
US-08-173-489C-19
/ Sequence 19, Application US/08173489C
/ Patent No. 5861244
/ GENERAL INFORMATION:
/ APPLICANT: WANG, C. -G.
/ APPLICANT: HEPBURN, A. G.
/ TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
/ TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
/ NUMBER OF SEQUENCES: 365
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
/ STREET: 510 EAST 73RD STREET,
/ CITY: NEW YORK
/ STATE: NEW YORK
/ COUNTRY: USA
/ ZIP: 10021
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44Mb storage
/ COMPUTER: IBM PC/XT/AT
/ OPERATING SYSTEM: MS-DOS version 6.2
/ SOFTWARE: Wordperfect Version 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/173,489C
/ FILING DATE: 22 DEC 1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/968,436
/ FILING DATE: 29 OCT 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Handelman, Joseph H.
/ REGISTRATION NUMBER: 26,179
/ REFERENCE/DOCKET NUMBER: U9518-6
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (attorney) (212) 708-1880
/ TELEFAX: (attorney) (212) 246-8959
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 35 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic DNA
/ DESCRIPTION: n-myc gene (Accession # Y00664)
/ DESCRIPTION: nucleotides 4691 to 4725
/ HYPOTHETICAL: No
/ ANTI-SENSE: No
/ ORIGINAL SOURCE:
/ ORGANISM: Homo sapiens
/ PUBLICATION INFORMATION:
/ AUTHORS: Ibsen, J M, Rabbitts, P H.
/ TITLE: Sequence of a germ-line N-myc
/ Patent No. 5861244
/ TITLE: gene and amplification as a mechanism of
/ TITLE: activation
/ JOURNAL: Oncogene
```

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; VOLUME: 2
; PAGES: 399-402
; DATE: 1988
; RELEVANT RESIDUES IN SEQ ID NO: 19 : FROM 1 TO 35
US-08-173-489C-19
Query Match 0.4%; Score 14.8; DB 1; Length 35;
Best Local Similarity 64.7%; Pred. No. 1.2e+03;
Matches 22; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3300 TTTATAGGATTTCTTTAGGAGATTTATTTT 3333
||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1 TTTTCTATCTTTTCTTTTCTTTTCTTTTCTTTT 34

RESULT 481
US-07-875-167-2
; Sequence 2, Application US/07875167
; Patent No. 5298583
; GENERAL INFORMATION:
; APPLICANT: Ludger Heiliger; Hans-Ulrich Siegmund;
; APPLICANT: Herbert Hugi; Antonius Lobberding;
; APPLICANT: Eberhard Kuckert; Bruno Bomer; Thomas
; APPLICANT: Bocker; Gunter Franke
; TITLE OF INVENTION: POLYMER DYE/STUFFS AND
; TITLE OF INVENTION: PREPARATION AND USE THEREOF
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SPRUNG HORN KRAMER & WOODS
; STREET: 1140 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 1.2 MB
; MEDIUM TYPE: storage
; COMPUTER: NEC Powermate 1 Plus
; OPERATING SYSTEM: DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/875,167
; FILING DATE: 19920428
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: P 41 14 482.1 (Germany)
; FILING DATE: May 3, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kurt G. Briscoe
; REGISTRATION NUMBER: 33,141
; REFERENCE/DOCKET NUMBER: Bayer 8431-KGB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 391-0520
; TELEFAX: (212) 382-0949
; TELEX: 423092 NYP UI
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 Nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-07-875-167-2
Query Match 0.4%; Score 14.8; DB 1; Length 42;
Best Local Similarity 64.7%; Pred. No. 1.3e+03;
Matches 22; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3301 TCTATAGGATTTCTTTAGGAGATTTATTTT 3334
||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2 TCTACTGGCTCTTTTCTTTTCTTTTCTTTTCTTT 35

RESULT 482
US-07-875-167-2
Query Match 0.4%; Score 14.8; DB 1; Length 45;
Best Local Similarity 73.1%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
US-08-287-164-2
; Sequence 2, Application US/08287164
; Patent No. 5587443
; GENERAL INFORMATION:
; APPLICANT: Ludger Heiliger
; APPLICANT: Adolf Schmidt
; APPLICANT: Joachim Probst
; TITLE OF INVENTION: Polymerizable Emulsifiers and
; TITLE OF INVENTION: Reactive Groups and Polymers of Emulsifiers and
; TITLE OF INVENTION: Other Monomers
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Connolly and Hutz
; STREET: 1220 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: U.S.A.
; ZIP: 19899
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM/PC or Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/287,164
; FILING DATE: 08-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/003,641
; FILING DATE: 13-JAN-1993
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-287-164-2
Query Match 0.4%; Score 14.8; DB 1; Length 42;
Best Local Similarity 64.7%; Pred. No. 1.3e+03;
Matches 22; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3301 TCTATAGGATTTCTTTAGGAGATTTATTTT 3334
||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 2 TCTACTGGCTCTTTTCTTTTCTTTTCTTTTCTTT 35

RESULT 483
US-09-827-289-18
; Sequence 18, Application US/09827289
; Patent No. 6777183
; GENERAL INFORMATION:
; APPLICANT: Abarzua, Patricia
; TITLE OF INVENTION: Process for Allele Discrimination Using Primer
; TITLE OF INVENTION: Extension
; FILE REFERENCE: 469290-55
; CURRENT APPLICATION NUMBER: US/09/827,289
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: U.S. 60/194843
; PRIOR FILING DATE: 2000-04-05
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 18
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
; OTHER INFORMATION: use in allele discrimination
US-09-827-289-18
Query Match 0.4%; Score 14.8; DB 1; Length 45;
Best Local Similarity 73.1%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
```

```
QY 3262 TATTTTATTTGCTTTCCTTTTCA 3287
Db 12 TTTTATTTTATTTTATTTTATTTTCA 37

RESULT 484
US-09-827-289-14
; Sequence 14, Application US/09827289
; Patent No. 6777183
; GENERAL INFORMATION:
; APPLICANT: Abarzua, Patricia
; TITLE OF INVENTION: Process for Allele Discrimination Using Primer
; FILE REFERENCE: Extension
; CURRENT APPLICATION NUMBER: US/09/827,289
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: U.S. 60/194843
; PRIOR FILING DATE: 2000-04-05
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
; OTHER INFORMATION: use in allele discrimination
US-09-827-289-14

Query Match 0.4%; Score 14.8; DB 1; Length 45;
Best Local Similarity 73.1%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTTATTTGCTTTCCTTTTCA 3287
Db 12 TTTTATTTTATTTTATTTTATTTTCA 37

RESULT 485
US-09-827-289-14/c
; Sequence 14, Application US/09827289
; Patent No. 6777183
; GENERAL INFORMATION:
; APPLICANT: Abarzua, Patricia
; TITLE OF INVENTION: Process for Allele Discrimination Using Primer
; FILE REFERENCE: Extension
; CURRENT APPLICATION NUMBER: US/09/827,289
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: U.S. 60/194843
; PRIOR FILING DATE: 2000-04-05
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
; OTHER INFORMATION: use in allele discrimination
US-09-827-289-14

Query Match 0.4%; Score 14.8; DB 1; Length 45;
Best Local Similarity 59.5%; Pred. No. 1.3e+03;
Matches 25; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 1353 GGAGATGATGACATCATCGGAAACACAAACATCATCA 1394
Db 45 GGAGAGGTGTAACAAAAAATAAAAAAATAAAAAAATAAAAAA 4

RESULT 486
US-09-827-289-14/c
; Sequence 14, Application US/09850961
; Patent No. 6013517
; GENERAL INFORMATION:
; APPLICANT: Reepess, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation, Intellectual Property - R440
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-850-961-4

Query Match 0.4%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2828 ATACATATATATATATATACAT 2848
Db 1 ATATATATATATCGATACCAT 21

RESULT 487
US-09-479-776-4
; Sequence 4, Application US/09479776
; Patent No. 6333195
; GENERAL INFORMATION:
; APPLICANT: Reepess, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: INTELLECTUAL PROPERTY-R440
; CITY: EMERYVILLE
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
```



```
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,759
/ FILING DATE: 17 JUNE 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paul Louis Myers
/ REGISTRATION NUMBER: 35,965
/ REFERENCE/DOCKET NUMBER: TNI-001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 227-7400
/ TELEFAX: (617) 227-4951
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-427-863-2

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db 1 ATATATAGCTATATAT 16

RESULT 492
US-07-971-978-2
/ Sequence 2, Application US/07971978
/ Patent No. 5614617
/ GENERAL INFORMATION:
/ APPLICANT: Cook and Sanghvi
/ TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
/ TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
/ TITLE OF INVENTION: Gene Expression
/ NUMBER OF SEQUENCES: 65
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
/ ADDRESSEE: No. 5614617is
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/971,978
/ FILING DATE: February 18, 1993
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/558,806
/ FILING DATE: July 27, 1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Joseph Lucci
/ REGISTRATION NUMBER: 33,307
/ REFERENCE/DOCKET NUMBER: ISIS-0333
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 2
/ OTHER INFORMATION: 6-aza-thymidine substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 4
/ OTHER INFORMATION: 6-aza-thymidine substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 6
/ OTHER INFORMATION: 6-aza-thymidine substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 8
/ OTHER INFORMATION: 6-aza-thymidine substitution
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 10
/ OTHER INFORMATION: 6-aza-thymidine substitution
/ US-08-427-863-2

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db 1 ATATATAGCTATATAT 16

RESULT 491
US-08-427-863-2/c
/ Sequence 2, Application US/08427863
/ Patent No. 5593834
/ GENERAL INFORMATION:
/ APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
/ APPLICANT: FALDASZ, Brian D.
/ TITLE OF INVENTION: METHOD OF PREPARING DNA SEQUENCES WITH KNOWN
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: LAHIVE & COCKFIELD
/ STREET: 60 State Street, suite 510
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII text
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/427,863
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,759
/ FILING DATE: 17 JUNE 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paul Louis Myers
/ REGISTRATION NUMBER: 35,965
/ REFERENCE/DOCKET NUMBER: TNI-001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 227-7400
/ TELEFAX: (617) 227-4951
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-427-863-2
```

```

; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 6-aza-thymidine substitution
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
;
US-07-971-978-2

```

```

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2824 ATATATACATATATAT 2839
DB 1 ATATATATATATATAT 16

```

```

RESULT 493
US-07-971-978-2/c
; Sequence 2, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 6-aza-thymidine substitution
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 6-aza-thymidine substitution
;
; FEATURE:
; NAME/KEY: Modified-site

```

```

; LOCATION: 6
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 6-aza-thymidine substitution
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 6-aza-thymidine substitution
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 6-aza-thymidine substitution
;
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
;
US-07-971-978-2

```

```

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2824 ATATATACATATATAT 2839
DB 16 ATATATATATATATAT 1

```

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RESULT 494
US-08-153-051B-58
; Sequence 58, Application US/08153051B
; Patent No. 5645986
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine Strahl
; APPLICANT: Michael J. McEachern
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE
; TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/153,051B
; FILING DATE: No. 5645986ember 12, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 204/195
; TELECOMMUNICATION INFORMATION:

```

```
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-153-051B-58

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTG 16

RESULT 495
US-08-060-952C-57
/ Sequence 57, Application US/08060952C
/ Patent No. 5695932
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. West
/ APPLICANT: Jerry W. Shay
/ APPLICANT: Woodring B. Wright
/ APPLICANT: Elizabeth Blackburn
/ TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
/ TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
/ NUMBER OF SEQUENCES: 57
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/060,952C
/ FILING DATE: May 13, 1993
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/882,438
/ FILING DATE: May 13, 1992
/ APPLICATION NUMBER: 08/038,766
/ FILING DATE: March 24, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 202/045
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-060-952C-57

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTG 16

RESULT 496
US-08-151-477A-58
/ Sequence 58, Application US/08151477A
/ Patent No. 5830644
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. West
/ APPLICANT: Jerry W. Shay
/ APPLICANT: Woodring B. Wright
/ APPLICANT: Elizabeth Blackburn
/ APPLICANT: Nam Woo Kim
/ APPLICANT: Calvin B. Harley
/ APPLICANT: Scott L. Weinrich
/ APPLICANT: Catherine Strahl
/ APPLICANT: Michael J. McEachern
/ APPLICANT: Homayoun Vaziri
/ TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
/ TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE
/ NUMBER OF SEQUENCES: 58
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/151,477A
/ FILING DATE: No. 5830644ember 12, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/038,766
/ FILING DATE: March 24, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 202/189
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-151-477A-58

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTG 16

RESULT 497
```

RESULT 498
UIS-08-819-867-80

;/ TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
;/ TITLE OF INVENTION: NUCLEIC ACID SEQUENCES
;/ NUMBER OF SEQUENCES: 8
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: LAHIVE & COCKFIELD
;/ STREET: 60 State Street, suite 510
;/ CITY: Boston
;/ STATE: Massachusetts
;/ COUNTRY: USA
;/ ZIP: 02109
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: ASCII text
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/763,417
;/ FILING DATE:
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/260,200
;/ FILING DATE: 17-JUN-1994
;/ APPLICATION NUMBER: US 08/224,840
;/ FILING DATE: 8-APR-1994
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US 08/078,759
;/ FILING DATE: 17-JUN-1993
;/ CLASSIFICATION: 435
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Paul Louis Myers
;/ REGISTRATION NUMBER: 35,965
;/ REFERENCE/DOCKET NUMBER: TMI-010
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (617) 227-7400
;/ TELEFAX: (617) 227-4951
;/ INFORMATION FOR SEQ ID NO: 1:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 16 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: double
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: cdna
;/ US-08-763-417-1

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred.No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db 1 ATATATAGCTATATAT 16

RESULT 500
US-08-763-417-1/c
; Sequence 1, Application US/08763417
; Patent No. 6027884
; GENERAL INFORMATION:
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
; APPLICANT: FALDASZ, Brian D.
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: ASCII text
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/763,417
;/ FILING DATE:
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/260,200
;/ FILING DATE: 17-JUN-1994
;/ APPLICATION NUMBER: US 08/224,840
;/ FILING DATE: 8-APR-1994
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US 08/078,759
;/ FILING DATE: 17-JUN-1993
;/ CLASSIFICATION: 435
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Paul Louis Myers
;/ REGISTRATION NUMBER: 35,965
;/ REFERENCE/DOCKET NUMBER: TMI-010
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (617) 227-7400
;/ TELEFAX: (617) 227-4951
;/ INFORMATION FOR SEQ ID NO: 1:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 16 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: double
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: cdna
;/ US-08-763-417-1

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred.No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db 16 ATATATAGCTATATAT 1

RESULT 501
US-08-464-011B-57
; Sequence 57, Application US/08464011B
; Patent No. 6368789
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Jerry W. Shay
; Woodring E. Wright
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; RELATED TO TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,011B
; FILING DATE: 05-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/045
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-464-011B-57

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
DB 1 TGGGTGTGTGTGTGTG 16

RESULT 502
US-09-378-535-80
Sequence 80, Application US/09378535
Patent No. 6551774
GENERAL INFORMATION:
APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-09-378-535-80

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
DB 1 TGGGTGTGTGTGTGTG 16

RESULT 503
US-09-371-772B-5819
Sequence 5819, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT APPLICATION NUMBER: US/09/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5819
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5819

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1295 TGAAGATGCTGAAGA 1310
DB 1 UGAAAAUGCUGAAGA 16

RESULT 504
US-09-371-772B-5848
Sequence 5848, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5848
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5848

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1658 ACAACGCGATGAGAT 1673
Db      |||||:||||:
1 ACAACGUGUGAAGAU 16

RESULT 505
US-09-371-772B-6071
; Sequence 6071, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6071
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6071

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 5.2e+02;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 2321 GGTGTGTGTGTGCGT 2336
Db      |:|:|:|:|:|:|
1 GUGUGUGUGUGUGGU 16

RESULT 506
PCT-US94-06799-1
; Sequence 1, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; FILE REFERENCE: NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
PCT-US94-06799-1

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db      |||||:|||||
1 ATATATAGCTATATAT 16

RESULT 507
PCT-US94-06799-1/c
; Sequence 1, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; FILE REFERENCE: NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cdna
PCT-US94-06799-1

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
DB 16 ATATATAGCTATATAT 1

RESULT 508
US-08-373-124A-1056/c
; Sequence 1056, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1056:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1056

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2833 TATATATATATAACAT 2848
DB 17 TATATATATATAAAAT 2

RESULT 509
US-08-435-628-1056/c
; Sequence 1056, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1056:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1056

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2833 TATATATATATAACAT 2848
DB 17 TATATATATATAAAAT 2

RESULT 510

US-08-292-620A-1663
; Sequence 1663, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1663:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-1663

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.6e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCTG 1893

Db 1 GAAGCUCUUAAGCUG 16

RESULT 511

US-08-292-620A-2011
; Sequence 2011, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb

two

APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2011:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-2011

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.6e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCTG 1893

Db 1 GAAGCUCUUAAGCUG 16

RESULT 512

US-09-071-845-1663
; Sequence 1663, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION

```

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1663:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1663

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Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.6e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 1878 GGAGCTCTTCAAGCTG 1893
DB 1 GAAGCUCUUCACGUG 16

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RESULT 513
US-09-071-845-2011
; Sequence 2011, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles

```

```

; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2011:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-2011

```

```

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.6e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 1878 GGAGCTCTTCAAGCTG 1893
DB 1 GAAGCUCUUCACGUG 16

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RESULT 514
US-08-584-040-5783
; Sequence 5783, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

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SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5783:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5783

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.6e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1608 GAAGTCATCCACAGG 1623
|||:|:|:|:|:|:|:
Db 2 GAAGUGUAUCCACAGG 17

RESULT 515
US-09-371-772B-2650
Sequence 2650, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2650
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2650

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.6e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1608 GAAGTCATCCACAGG 1623
|||:|:|:|:|:|:|:
Db 2 GAAGUGUAUCCACAGG 17

RESULT 516
US-09-371-772B-4753
Sequence 4753, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4753
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4753

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1393 AACCTGCTGGCGCCT 1408
|||:|:|:|:|:|:|:
Db 2 AACUCUGGAGCCU 17

RESULT 517
US-09-371-772B-6732
Sequence 6732, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6732
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6732

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.6e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1619 ACAGGACCTGGCTGC 1634
|||:|:|:|:|:|:|:
Db 1 ACAGGACCTGGCTGC 16

RESULT 518
US-09-866-108A-2002/c
Sequence 2002, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:


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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2005

Query Match          0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1487 GGCCCCCGGGCTGGA 1502
      |||||
Db 17 GGCCCCCGGGCTGGA 2

RESULT 521
US-09-866-108A-2006/c
; Sequence 2006, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7995
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7995

Query Match          0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1992 CACCTTCAAGCAGCTG 2007
      |||||
Db 2 CACCATCAAGCAGCTG 17

RESULT 523
US-09-866-108A-7997
; Sequence 7997, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2006
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2006

Query Match          0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1487 GGCCCCCGGGCTGGA 1502
      |||||
Db 16 GGCCCCCGGGCTGGA 1

RESULT 522
US-09-866-108A-7995
; Sequence 7995, Application US/09866108A
; Patent No. 6686188
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7997
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7997

Query Match      0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1993 ACCTTCAGCAGCTGG 2008
DB 1 ACCATCAGCAGCTGG 16

RESULT 524
US-08-737-825-12
; Sequence 12, Application US/08737825
; Patent No. 5871922
; GENERAL INFORMATION:
; APPLICANT: SALMOND, GEORGE PEACOCK COPELAND
; APPLICANT: MCGOWAN, SIMON JAMES
; APPLICANT: SEBAHIA, MOHAMMED
; APPLICANT: COX, ANTHONY RICHARD JOHN
; APPLICANT: HOLDEN, MATTHEW THOMAS GEOFFREY
; APPLICANT: PORTER, LAUREN ELIZABETH
; APPLICANT: BYCROFT, BARRIE WALSHAM
; APPLICANT: WILLIAMS, PAUL
; APPLICANT: STEWART, GORDON SIDNEY ANDERSON BIRNIE
; TITLE OF INVENTION: GENES INVOLVED IN THE BIOSYNTHETIC PATHWAY OF CARBAPENEM
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolaesch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/737,825
; FILING DATE: 03-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SVENSSON, LEONARD R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 1009-0105P
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; TELEX: 248345

```

```

; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE PRIMER"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-737-825-12

Query Match      0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1599 GGCTCTCCAGAGTGC 1614
DB 3 GTCTCTCCAGAGTGC 18

RESULT 525
US-08-585-684B-2739/C
; Sequence 2739, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2739:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2739

Query Match      0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 2899 ACAGGAGGCGCATG 2914
Db 16 ACAGGAGGCGCATG 1

RESULT 526

US-08-577-081A-32/c
; Sequence 32, Application US/08577081A
; Patent No. 6030775
; GENERAL INFORMATION:

APPLICANT: Yang, Soo Young
APPLICANT: Ceréb, Nezh
TITLE OF INVENTION: Methods and Reagents for Typing HLA
TITLE OF INVENTION: Class I Genes
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598

COMPUTER READABLE FORM:
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577,081A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: MSK.P-001-US
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE:

OTHER INFORMATION: locus specific amplification primer for
OTHER INFORMATION: HLA-C gene
US-08-577-081A-32
Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1412 CCAGGGCGGCCCT 1427
Db 17 CCAGGGCGGCCCT 2

RESULT 527

US-09-165-543-24
; Sequence 24, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:

APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/165,543
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/042,780
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth A. Hanley
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: MNI-032CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-165-543-24

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3658 GCCTGCGGCCATGG 3673
Db 1 GCCTGCTGGCCATGG 16

RESULT 528

US-09-038-073-2739/c
; Sequence 2739, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2899 ACAGGAGGCGCATG 2914
Db 16 ACAGGAGGCGCATG 1

RESULT 526

US-08-577-081A-32/c
; Sequence 32, Application US/08577081A
; Patent No. 6030775
; GENERAL INFORMATION:

APPLICANT: Yang, Soo Young
APPLICANT: Ceréb, Nezh
TITLE OF INVENTION: Methods and Reagents for Typing HLA
TITLE OF INVENTION: Class I Genes
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598

COMPUTER READABLE FORM:
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/577,081A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: MSK.P-001-US
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE:

OTHER INFORMATION: locus specific amplification primer for
OTHER INFORMATION: HLA-C gene
US-08-577-081A-32
Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1412 CCAGGGCGGCCCT 1427
Db 17 CCAGGGCGGCCCT 2

RESULT 527

US-09-165-543-24
; Sequence 24, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:

;
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-907-794A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1101 GCTGTCCTCAGGGGAG 1116
|||||
DB 3 GCTGTCCACAGGGGAG 18

RESULT 531
US-09-905-125A-229
; Sequence 229, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944

;
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-125A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1101 GCTGTCCTCAGGGGAG 1116
|||||
DB 3 GCTGTCCACAGGGGAG 18

RESULT 532
US-09-902-775A-229
; Sequence 229, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-902-775A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1101 GCTGTCTCTACGGGAG 1116
Db 3 GCTGTCCACAGGGAG 18

RESULT 533
US-09-906-700-229
; Sequence 229, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-906-700-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1101 GCTGTCTCTACGGGAG 1116
Db 3 GCTGTCCACAGGGAG 18

RESULT 534

US-09-903-603A-229

; Sequence 229, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: KJavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US/09/903.603A
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-903-603A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1101 GCTGTCTCTCAGGGGAG 1116

|||||

Db 3 GCTGTCTCAGGGGAG 18

RESULT 535

US-09-092-077-18
; Sequence 18, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Moncany, Maurice
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; TITLE OF INVENTION: Of The Diseases Due To Those Viruses
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4000
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-092-077-18

Query Match 0.4%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2632 CCACATGTCAGCACC 2647
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 Db 1 CCACATTCAGCACC 16

RESULT 536
 US-09-754-066-6/c
 ; Sequence 6, Application US/09754066
 ; Patent No. 669985
 ; GENERAL INFORMATION:
 ; APPLICANT: BURCOGLU, ARSINUR
 ; TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION
 ; AND RELATED SECONDARY INFECTIONS THEREOF
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Banner & Witcoff
 ; STREET: 1001 G Street, NW
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20001
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION NUMBER: US/09754,066
 ; FILING DATE: 05-Jan-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/848,013
 ; FILING DATE: 2001-05-07
 ; APPLICATION NUMBER: 07/830,886
 ; FILING DATE: 04-FEB-1992
 ; APPLICATION NUMBER: 07/748,277
 ; FILING DATE: 21-AUG-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A
 ; REGISTRATION NUMBER: 32141
 ; REFERENCE/DOCKET NUMBER: 02939.04541
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-09-754-066-6

Query Match 0.4%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2814 TGTATGTTATATAT 2829
 ||||| |||||
 Db 19 TGTATGTTATATTT 4

RESULT 537
 US-09-696-791-2314/c
 ; Sequence 2314, Application US/09696791
 ; Patent No. 6770633
 ; GENERAL INFORMATION:
 ; APPLICANT: Robbins, Joan M.
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Trittz, Richard
 ; REGISTRATION NUMBER: 32549
 ; REFERENCE/DOCKET NUMBER: Furuya Case 1313
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (616) 381-1156
 ; TELEFAX: (616) 381-5465
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

; TITLE OF INVENTION: SKIN AND EYE DISEASES
 ; FILE REFERENCE: 480124.407
 ; CURRENT APPLICATION NUMBER: US/09/696,791
 ; CURRENT FILING DATE: 2000-10-25
 ; NUMBER OF SEQ ID NOS: 4523
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2314
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: Cyclin E ribozyme binding site
 US-09-696-791-2314

Query Match 0.4%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2868 TGGTACACGGAGGCC 2883
 ||||| |||||
 Db 16 TGGTACACGGAGGCC 1

RESULT 538
 US-08-243-542-11
 ; Sequence 11, Application US/08243542
 ; Patent No. 552526
 ; GENERAL INFORMATION:
 ; APPLICANT: NAKAMURA, YUSUKE
 ; TITLE OF INVENTION: MDC PROTEINS AND DNAs
 ; TITLE OF INVENTION: ENCODING THE SAME
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: FLYNN, THIEL, BOUTELL & TANIS P.C.
 ; STREET: 2026 Rambling Road
 ; CITY: Kalamazoo
 ; STATE: Michigan
 ; COUNTRY: USA
 ; ZIP: 49008-1699
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
 ; COMPUTER: IBM PC/XT/AT Compatible
 ; OPERATING SYSTEM: MS-DOS 5.0
 ; SOFTWARE: WordPerfect 5.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/243,542
 ; FILING DATE:
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: JP 5-136602
 ; FILING DATE: 14 MAY 1993
 ; APPLICATION NUMBER: JP 5-257455
 ; FILING DATE: 22 SEPTEMBER 1993
 ; APPLICATION NUMBER: JP 6-49904
 ; FILING DATE: 23 FEBRUARY 1994
 ; APPLICATION NUMBER: JP 6-73328
 ; FILING DATE: 12 APRIL 1994
 ; APPLICATION NUMBER: JP 6-84470
 ; FILING DATE: 22 APRIL 1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Terryence F. Chapman
 ; REGISTRATION NUMBER: 32549
 ; REFERENCE/DOCKET NUMBER: Furuya Case 1313
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (616) 381-1156
 ; TELEFAX: (616) 381-5465
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

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; MOLECULE TYPE: Genomic DNA
US-08-243-542-11

Query Match      0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2097 CCAGGACACCCCGC 2112
Db 1 CCAGGACACCCCGC 16

RESULT 539
US-08-477-407-11
; Sequence 11, Application US/08477407
; Patent No. 5631351
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: EMI, MITSURU
; TITLE OF INVENTION: MDC PROTEINS AND DNAS
; TITLE OF INVENTION: ENCODING THE SAME
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLYNN, THIEL, BOUTELL & TANIS P.C.
; STREET: 2026 Rambling Road
; CITY: Kalamazoo
; STATE: Michigan
; COUNTRY: USA
; ZIP: 49008-1699
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
; COMPUTER: IBM PC/XT/AT Compatible
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,407
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,542
; FILING DATE: 13-MAY-1994
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; APPLICATION NUMBER: JP 5-257455
; FILING DATE: 22 SEPTEMBER 1993
; APPLICATION NUMBER: JP 6-49904
; FILING DATE: 23 FEBRUARY 1994
; APPLICATION NUMBER: JP 6-73328
; FILING DATE: 12 APRIL 1994
; APPLICATION NUMBER: JP 6-84470
; FILING DATE: 22 APRIL 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Terryence F. Chapman
; REGISTRATION NUMBER: 32 549
; REFERENCE/DOCKET NUMBER: Furuuya Case 1313
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (616) 381-1156
; TELEFAX: (616) 381-5465
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-477-407-11

Query Match      0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2097 CCAGGACACCCCGC 2112
Db 1 CCAGGACACCCCGC 16

RESULT 541
US-08-535-248-3
; Sequence 3, Application US/08535248
; Patent No. 5789165
; GENERAL INFORMATION:
; APPLICANT: OKU, Yuichi

```

```
; APPLICANT: TOYODA, No. 57891651ko
; TITLE OF INVENTION: METHOD AND REAGENT FOR SIMULTANEOUSLY
; TITLE OF INVENTION: ASSAYING ONE OR MORE LIGANDS IN A GROUP OF PRESELECTED LIGANDS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LORUSSO & LOUD
; STREET: 3137 Mount Vernon Avenue
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22305
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,248
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: MITS-B261
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-739-9393
; TELEFAX: 703-739-9391
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-535-248-3

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3651 CTTGCTTGCTGCAGG 3666
Db 4 CTTGCATGCTGCAGG 19

RESULT 542
US-08-655-821-12/c
; Sequence 12, Application US/08655821
; Patent No. 5846718
; GENERAL INFORMATION:
; APPLICANT: Zhang, Ying
; APPLICANT: Scordio, Angelo
; TITLE OF INVENTION: IDENTIFICATION OF PYRAZINAMIDE-RESISTANT
; TITLE OF INVENTION: MYCOBACTERIA AND METHODS FOR TREATING
; TITLE OF INVENTION: MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/655,821
; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ellison, Eldora L.
; REGISTRATION NUMBER: 39,967
; REFERENCE/DOCKET NUMBER: 07662/003001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-655-821-12

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 512 TGGAGCGCTCCCGCA 527
Db 20 TGGAGCGCTCCCGCA 5

RESULT 543
US-08-651-692-8
; Sequence 8, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating type I interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,692
; FILING DATE: Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-651-692-8

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
; APPLICANT: TOYODA, No. 57891651ko
; TITLE OF INVENTION: METHOD AND REAGENT FOR SIMULTANEOUSLY
; TITLE OF INVENTION: ASSAYING ONE OR MORE LIGANDS IN A GROUP OF PRESELECTED LIGANDS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LORUSSO & LOUD
; STREET: 3137 Mount Vernon Avenue
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22305
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,248
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: MITS-B261
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-739-9393
; TELEFAX: 703-739-9391
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-535-248-3

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3651 CTTGCTTGCTGCAGG 3666
Db 4 CTTGCATGCTGCAGG 19

RESULT 542
US-08-655-821-12/c
; Sequence 12, Application US/08655821
; Patent No. 5846718
; GENERAL INFORMATION:
; APPLICANT: Zhang, Ying
; APPLICANT: Scordio, Angelo
; TITLE OF INVENTION: IDENTIFICATION OF PYRAZINAMIDE-RESISTANT
; TITLE OF INVENTION: MYCOBACTERIA AND METHODS FOR TREATING
; TITLE OF INVENTION: MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/655,821
; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ellison, Eldora L.
; REGISTRATION NUMBER: 39,967
; REFERENCE/DOCKET NUMBER: 07662/003001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-655-821-12

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 512 TGGAGCGCTCCCGCA 527
Db 20 TGGAGCGCTCCCGCA 5

RESULT 543
US-08-651-692-8
; Sequence 8, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating type I interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,692
; FILING DATE: Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-651-692-8

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2587 GCGCTGGGCCCTCC 2602
Db 2 GCGCTGGCTCCCTCC 17

RESULT 544
US-08-910-629A-17
; Sequence 17, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; APPLICANT: Brett Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-910-629A-17

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1060 GCGTCCATGAGCTCCA 1075
Db 5 GCATCCATGAGCTCCA 20

RESULT 545
US-09-287-796-17
; Sequence 17, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS

; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-17

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1060 GCGTCCATGAGCTCCA 1075
Db 5 GCATCCATGAGCTCCA 20

RESULT 546
US-09-433-699-31/c
; Sequence 31, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-31

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 188 AGGACGAGGCTGAGGA 203
Db 20 AGGACGAGGCTGAGGA 5

RESULT 547
US-09-429-322-54/c
; Sequence 54, Application US/09429322A
; Patent No. 6190869
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA
; FILE REFERENCE: RTS-0100
; CURRENT APPLICATION NUMBER: US/09/429,322A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-54

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1908 CCGCATGGGACAGCCC 1923
Db 18 CCGCATGGGACATCCC 3

RESULT 548
US-09-130-616-17
; Sequence 17, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-17

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1060 GCCTCCATGAGCTCCA 1075
Db 5 GCATCCATGAGCTCCA 20

RESULT 549
US-08-853-774-10
; Sequence 10, Application US/08853774
; Patent No. 6265557
; GENERAL INFORMATION:
; APPLICANT: Diamond, David
; APPLICANT: Nehlsen-Cannarella, Sandra
; APPLICANT: Fagoaga, Omar
; APPLICANT: Szalay, Aladar
; TITLE OF INVENTION: ABO HISTO-BLOOD GROUP O ALLELES OF THE BABOON
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/853,774
; FILING DATE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-54

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: LOMAIMM.100A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714/760-0404
TELEFAX: 714/760-9503
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-853-774-10

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1977 GCCCTCCAGAGCCCC 1992
Db 2 GCCCTCCAGAGCCCC 17

RESULT 550
US-09-659-791A-65/c
; Sequence 65, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-65

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2407 CTGGGTGTCCTCCGCTG 2422
Db 20 CTGGGTGTCCTCCGCTG 5

RESULT 551
US-09-752-110A-20/c
; Sequence 20, Application US/09752110A
; Patent No. 6656727
; GENERAL INFORMATION:
; APPLICANT: Gunzburg, Walter
; APPLICANT: Salmons, Brian
; APPLICANT: Goller, Sabine
; APPLICANT: Klein, Dieter
; TITLE OF INVENTION: Targeted Integration Into Chromosomes
; FILE REFERENCE: 2316.2005-000
; CURRENT APPLICATION NUMBER: US/09/752,110A
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: PCT/EP99/04521
```


; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: PA 1998 01016
; PRIOR FILING DATE: 1998-07-01
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-752-110A-20

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3781 ACACCTGGTGCTAAC 3796
||| ||||| ||||| |||||
Db 16 ACACCTGGTGCTGAC 1

RESULT 552
US-09-967-669-88/c
; Sequence 88, Application US/09967669
; Patent No. 6692960
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
; FILE REFERENCE: KTS-0259
; CURRENT APPLICATION NUMBER: US/09/967,669
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-88

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3007 TTGTTTAAACTGGA 3022
||| ||||| ||||| |||||
Db 20 TTGTTTAAAGACTGGA 5

RESULT 553
US-09-232-785-389/c
; Sequence 389, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATellite DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 389
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-389

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1364 AGATGATCGGAACA 1379
||| ||||| ||||| |||||
Db 16 AGAGGATCGGAACA 1

RESULT 554
US-09-725-265-11
; Sequence 11, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-11

Query Match 0.4%; Score 14.4; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3474 ATATATATATTTTATGAGTTTTT 3497
||| ||||| ||||| |||||
Db 1 ATATATATTTTCTTTCTTTT 24

RESULT 555
US-09-556-127-11
; Sequence 11, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
US-09-556-127-11

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; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-11

Query Match          0.4%; Score 14.4; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3474 ATATATATAATTTATTGAGTTT 3497
    |||||  |||||  |||||  |||||  |||||
Db 1 ATATATATTTTCTTTT 24

RESULT 556
US-08-126-594-8
; Sequence 8, Application US/08126594
; Patent No. 5482845
; GENERAL INFORMATION:
; APPLICANT: Soares, M. Bento
; APPLICANT: Estratiadis, Algriris
; TITLE OF INVENTION: METHOD FOR CONSTRUCTION OF NORMALIZED
; TITLE OF INVENTION: CDNA LIBRARIES
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White, c/o Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/126,594
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 42840/JPW/AKC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-126-594-8

Query Match          0.4%; Score 14.4; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3311 TTTTCTTTAGGAGATTATTTT 3334
    |||||  |||||  |||||  |||||  |||||
Db 1 TTTTCTTTAATTAATTTT 24

RESULT 558
US-08-619-542B-8
; Sequence 8, Application US/08619542B
; Patent No. 5830662
; GENERAL INFORMATION:
; APPLICANT: The Trustees of Columbia University in the City
; APPLICANT: of New York
; TITLE OF INVENTION: METHOD FOR CONSTRUCTION OF NORMALIZED
; TITLE OF INVENTION: CDNA LIBRARIES
; NUMBER OF SEQUENCES: 78
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
US-08-465-811A-8

Query Match          0.4%; Score 14.4; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3311 TTTTCTTTAGGAGATTATTTT 3334
    |||||  |||||  |||||  |||||  |||||
Db 1 TTTTCTTTAATTAATTTT 24

RESULT 557
US-08-465-811A-8
```


US-08-462-305-18
; Sequence 18, Application US/08462305
; Patent No. 5696248
; GENERAL INFORMATION:
; APPLICANT: Peyman, Anushirwan
; APPLICANT: Uhlmann, Eugen
; APPLICANT: Carolus, Carolin
; TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 E. Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: USA
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,305
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: H0894/F161K US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-948-7183
; TELEFAX: 513-948-7960 or 4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-462-305-18
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 184 GGGGAGGACGAGCTGAGG 202
Db 1 GCGAAGGAGGAGGATGAGG 19
RESULT 562
US-08-613-417A-18
; Sequence 19, Application US/08613417A
; Patent No. 5874553
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Phosphonomonoester nucleic acids, and their use
; NUMBER OF SEQUENCES: 33
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,417A
; FILING DATE:
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..19
US-08-613-417A-18
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 184 GGGGAGGACGAGCTGAGG 202
Db 1 GCGAAGGAGGAGGATGAGG 19
RESULT 563
US-08-850-961-25/c
; Sequence 25, Application US/08850961
; Patent No. 6013517
; GENERAL INFORMATION:
; APPLICANT: Reepess, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation, Intellectual Property - R440
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049,424C4 / 1147,005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-850-961-25
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2821 GGTATATATACATATATAT 2839
Db 19 GGTATCGATATATATATAT 1
RESULT 564
US-08-594-452-18

; Sequence 18, Application US/08594452
; Patent No. 6013639
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/594,452
; FILING DATE: 31-JAN-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 02 912.7
; FILING DATE: 31-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-594-452-18

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGACGAGCTGAGG 202
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 565
US-08-578-686C-17
; Sequence 17, Application US/08578686C
; Patent No. 6028182
; GENERAL INFORMATION:
; APPLICANT: Uhlmann, Eugen
; TITLE OF INVENTION: Methylphosphonic Acid Ester, Process For
; TITLE OF INVENTION: Preparing The Same And Its Use
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner, L.L.P.
; STREET: 1300 I. Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,686C
; FILING DATE: January 2, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Lori-Ann
; REGISTRATION NUMBER: 34,498
; REFERENCE/DOCKET NUMBER: 2481.1481-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-578-686C-17

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGACGAGCTGAGG 202
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 566
US-08-281-203-13
; Sequence 13, Application US/08281203
; Patent No. 6033909
; GENERAL INFORMATION:
; APPLICANT: Uhlmann, Eugen
; APPLICANT: Peyman, Anuschirwan
; APPLICANT: O'Malley, Gerard
; APPLICANT: Helsing, Matthias
; APPLICANT: Winkler, Irvin
; TITLE OF INVENTION: Oligonucleotide Analogs, Their
; TITLE OF INVENTION: Preparation and Use
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/281,203
; FILING DATE: 27-JULY-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/003,972
; FILING DATE: 19-JAN-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Einaudi, Carol P.
; REGISTRATION NUMBER: 32,220
; REFERENCE/DOCKET NUMBER: 02481.1269-01000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs

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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-281-203-13
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGAGCGAGGCTGAGG 202
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Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 567
US-08-867-352-18
; Sequence 18, Application US/08867352
; Patent No. 6060273
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Multicistronic expression units and their use
; NUMBER OF SEQUENCES: 25
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPA)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/867,352
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/397,847
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY:
; LOCATION: 1..16
; OTHER INFORMATION: /label= PDGB190-PRIMI
; OTHER INFORMATION: /note= "Synthetic DNA; synthetic PCR primer"
US-08-867-352-18
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGCGCCGGG 1696
   ||| ||| ||| ||| ||| ||| |||
Db 1 GAATTCGAGTCGCCGGG 19

RESULT 568
US-09-094-405-20
; Sequence 20, Application US/09094405
; Patent No. 6066720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Modified oligonucleotides, their preparation
; TITLE OF INVENTION: and use
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,405
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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/940,196
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..19
; OTHER INFORMATION: /note= "p53 Tumorsuppressor"
US-09-094-405-20
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGAGCGAGGCTGAGG 202
   ||| ||| ||| ||| ||| ||| |||
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 569
US-09-258-408-18
; Sequence 18, Application US/09258408
; Patent No. 6121434
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,408
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/594,452
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```


Patent No. 6333195
GENERAL INFORMATION:
APPLICANT: Respass, James G.
De Polo, Nicholas J.
Chada, Sunil
Sauter, Sybille
Bodner, Mordechai
Driver, David A.
TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHIRON CORPORATION
STREET: INTELLECTUAL PROPERTY-R440
P.O. BOX 8097
CITY: EMERYVILLE
STATE: CA
COUNTRY: USA
ZIP: 94662-8097
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/479,776
FILING DATE: 07-Jan-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: KRUSE, NORMAN J.
REGISTRATION NUMBER: 35,235
REFERENCE/DOCKET NUMBER: 930049.424C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)622-4900
TELEFAX: (206)682-6031
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-479-776-25

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2821 GGTATATATACATATATAT 2839
DB 19 GGTATCGATATATATAT 1

RESULT 574
US-08-337-120A-20
Sequence 20, Application US/08337120A
Patent No. 6348312
GENERAL INFORMATION:
APPLICANT: Peyman, Anushirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Mag, Matthias
APPLICANT: Kretzschmar, Gerhard
APPLICANT: Helsberg, Matthias
APPLICANT: Winkler, Irvin
TITLE OF INVENTION: Stabilized Oligonucleotides And Their
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner, L.L.P.
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/337,120A
FILING DATE: 12-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 43 38 704.7
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Binaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481.1409-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
TELEFAX: (202)408-4400
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-337-120A-20

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GCGGAGGACGAGGCTGAGG 202
DB 1 GCGAAGGAGGAGGATGAGG 19

RESULT 575
US-09-643-233-17
Sequence 17, Application US/09643233
Patent No. 6479651
GENERAL INFORMATION:
APPLICANT: SEELA, Frank
APPLICANT: THOMAS, Horst
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR
TITLE OF INVENTION: USE
FILE REFERENCE: 026083/0181
CURRENT APPLICATION NUMBER: US/09/643,233
CURRENT FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/144,112
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Antisense
OTHER INFORMATION: Oligonucleotide
US-09-643-233-17

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GCGGAGGACGAGGCTGAGG 202
DB 1 GCGAAGGAGGAGGATGAGG 19

RESULT 576

US-09-422-978-4702/c
; Sequence 4702, Application US/09422978
; Patent No. 6537751

GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4702

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..19

; OTHER INFORMATION: upstream amplification primer 99-17134 for SEQ 768,

US-09-422-978-4702

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2770 GGTATTTCGGAACTAG 2788

DB 19 GGTATTTCGCACAGTAG 1

RESULT 577

US-09-422-978-6383/c
; Sequence 6383, Application US/09422978
; Patent No. 6537751

GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 6383

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..19

; OTHER INFORMATION: upstream amplification primer 99-11075 for SEQ 2449,

US-09-422-978-6383

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3502 GATGATTGTTGTAAGT 3520

DB 19 GTTGTTGTTGTAAGTCT 1

RESULT 578

US-09-696-791-207/c

; Sequence 207, Application US/09696791

; Patent No. 6770633

GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

; FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25

; NUMBER OF SEQ ID NOS: 4523

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 207

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Cdk2 ribozyme binding site

US-09-696-791-207

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 655 AATGGCAGCAAGTGGGCC 673

DB 19 AATGGCAGCAAGCTAGGCC 1

RESULT 579

US-09-696-791-208/c

; Sequence 208, Application US/09696791

; Patent No. 6770633

GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

; FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25

; NUMBER OF SEQ ID NOS: 4523

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 208

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Cdk2 ribozyme binding site

US-09-696-791-208

Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 654 GAATGGCAGCAAGTGGGC 672

DB 19 GAATGGCAGCAAGCTAGGC 1

RESULT 580

US-09-696-791-347

; Sequence 347, Application US/09696791

; Patent No. 6770633

GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

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; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 347
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-347

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 TCGCAGACTTCGGGCTGGC 1691
DB 1 TGGCTGACTTCGGCCTGGC 19

RESULT 581
US-09-696-791-584
; Sequence 584, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 584
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-584

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 TCGCAGACTTCGGGCTGGC 1691
DB 1 TGGCTGACTTCGGCCTGGC 19

RESULT 582
US-09-696-791-585
; Sequence 585, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 585
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-585

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 TCGCAGACTTCGGGCTGGC 1691
DB 1 TGGCTGACTTCGGCCTGGC 19

RESULT 583
US-09-696-791-870
; Sequence 870, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 870
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-870

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2001 GCAGCTGGTGGAGGACCTG 2019
DB 1 GGAGCGGGTCGAGGACCTG 19

RESULT 584
US-09-696-791-1835
; Sequence 1835, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1835
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1835

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1875 GGAGGAGCTCTTCAAGCTG 1893
DB 1 GGAGGAGGTCTTCCCGCTG 19
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RESULT 585
US-09-696-791-2537
; Sequence 2537, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2537
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2537

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 2120 CCTCAGGGGACGACTCCGT 2138
Db 1 CCTCAGGGTACTCTCCGT 19

RESULT 586
US-09-696-791-3708
; Sequence 3708, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3708
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3708

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 2745 GGGAGCCTTACCTTTTAT 2763
Db 1 GGGAGCCTTAAACTTAT 19

RESULT 587
US-09-835-370-19
; Sequence 19, Application US/09835370
; Patent No. 6777544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
```

```
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-19

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 184 GGGAGGACGAGGCTGAGG 202
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 588
US-07-626-618A-3/c
; Sequence 3, Application US/07626618A
; Patent No. 5422265
; GENERAL INFORMATION:
; APPLICANT: Van Tol, Hubert H.M.
; TITLE OF INVENTION: A No. 5422265el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/626,618A
; FILING DATE: 7 DEC 1990
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5422265nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; TELEX: 810-221-8317
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1..20
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /partial
; OTHER INFORMATION: /cons splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= intron
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
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US-07-626-618A-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 98 GCTGCCGCGAGCGGCTCAC 116
Db 19 GCGGCGGAGCGGCTCAC 1

RESULT 589

US-08-063-167A-62
Sequence 62, Application US/08063167A
Patent No. 5514788

GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/063,167A
FILING DATE: 19930517
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855

FILING DATE: September 2, 1992

PRIOR APPLICATION DATA: PCT/US91/05209

FILING DATE: July 23, 1991

PRIOR APPLICATION DATA: 567,286

FILING DATE: August 14, 1990

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0002

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-08-063-167A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3380 CTGTGTGTCCTCCAGGAGGG 3398
Db 2 CTGTGTGTCCTGGGAGGG 20

RESULT 590

US-07-928-611-3/c

Sequence 3, Application US/07928611
Patent No. 5569601

GENERAL INFORMATION:

APPLICANT: Van Tol, Hubert H.M.

APPLICANT: Civelli, Olivier

TITLE OF INVENTION: A No. 5569601el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Allegretti & Witcoff, Ltd.

STREET: 10 South Wacker Drive, Suite 3000

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/928,611

FILING DATE: 19920810

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 5569601nan, Kevin E

REGISTRATION NUMBER: 35,303

REFERENCE/DOCKET NUMBER: 90,1092-B

TELEPHONE: 312-715-1000

TELEFAX: 312-715-1234

TELEX: 810-221-8317

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: intron

LOCATION: 1..20

IDENTIFICATION METHOD: experimental

OTHER INFORMATION: /partial

OTHER INFORMATION: /cons splice= (5'site: YES, 3'site: NO)

OTHER INFORMATION: /evidence= EXPERIMENTAL

OTHER INFORMATION: /label= intron1

OTHER INFORMATION: /note= "This is the 5' sequence of an intron"

OTHER INFORMATION: estimated to be 2.0 kilobases in length"

US-07-928-611-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 98 GCTGCCGCGAGCGGCTCAC 116
Db 19 GCGGCGGAGCGGCTCAC 1

RESULT 591

US-08-007-997A-62

Sequence 62, Application US/08007997A

Patent No. 5591623

GENERAL INFORMATION:

APPLICANT: Bennett and Mirabelli

TITLE OF INVENTION: Oligonucleotide Modulation

TITLE OF INVENTION: of Cell Adhesion

NUMBER OF SEQUENCES: 82

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz

ADDRESS: Mackiewicz & No. 5591623ris

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/007,997A
FILING DATE: 19930121
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA: PCT/US91/05209
FILING DATE: July 23, 1991
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0709
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-007-997A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGCGAGG 3398
Db 2 CTGTGTGTCCTCCAGGCGAGG 20

RESULT 592
US-08-333-977-3/c
Sequence 3, Application US/08333977
Patent No. 5594108
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H.M.
APPLICANT: Civielli, Olivier
TITLE OF INVENTION: A No. 5594108a1 Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/333,977
FILING DATE: 03-NOV-1994
CLASSIFICATION: 530

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/626,618
FILING DATE: 7 DEC 1990
ATTORNEY/AGENT INFORMATION:
NAME: No. 5594108nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: intron
LOCATION: 1..20
IDENTIFICATION METHOD: experimental
OTHER INFORMATION: /partial
OTHER INFORMATION: /cons_splices= (5'site: YES, 3'site: NO)
OTHER INFORMATION: /evidence= EXPERIMENTAL
OTHER INFORMATION: /label= intron
OTHER INFORMATION: /note= "This is the 5' sequence of an intron
OTHER INFORMATION: estimated to be 2.0 kilobases in length"
US-08-333-977-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCGCGCAGCGGCTCAC 116
Db 19 GCGGCGCGCAGCGGCTCAC 1

RESULT 593
US-08-530-492-120
Sequence 120, Application US/08530492
Patent No. 5689052
GENERAL INFORMATION:
APPLICANT: Brown, Sherri M.
APPLICANT: Dean, Duff A.
APPLICANT: Fromm, Michael E.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For
TITLE OF INVENTION: Preparation Thereof
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F
STREET: 700 Chesterfield Parkway No. 5689052ch
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,492
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/172,333
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hoerner Jr., Dennis R.

REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10605)A
TELEPHONE: (314)537-6099
TELEFAX: (314)537-6047
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-08-530-492-120

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2617 GCTGCGAGGAGCCAC 2635
DB 2 GTCGAGAGTCCCCAC 20

RESULT 594
US-08-255-892-77/c
Sequence 77, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:

APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MABILAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSER: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEEVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH

INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-77

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 CACGCTGATGATCGCA 1677
DB 20 CAGCGTGATATAGTCGCA 2

RESULT 595
US-08-605-089-18/c
Sequence 18, Application US/08605089
Patent No. 5719026
GENERAL INFORMATION:

APPLICANT: Takafumi FUKUI
APPLICANT: Kiyonori KATSURAGI
APPLICANT: Moritoshi KINOSHITA
APPLICANT: Sadahiro SHIN
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSER: SUGRUE, MION, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,089
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JPA-6-154571
FILING DATE: 06-JUL-1994
APPLICATION NUMBER: PCT/JP95/01352
FILING DATE: 06-JUL-1995
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 BASES
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: DNA

US-08-605-089-18
Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3426 TGTGTGAGGTTCCGATG 3444
DB 19 TGTGTGAGGTTCCGATG 1

RESULT 596
US-08-778-702-6
Sequence 6, Application US/08778702
Patent No. 5763186
GENERAL INFORMATION:

APPLICANT: Ludtke, Douglas N.
APPLICANT: Monahan, John E.
APPLICANT: Unger, John T.
TITLE OF INVENTION: Use of Antisense Oligomers in a
TITLE OF INVENTION: Process for Controlling Contamination in Nucleic Acid
TITLE OF INVENTION: Amplification Reactions
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSER: Ciba Corning Diagnostics Corp.
STREET: 63 No. 5763186th Street

;
; CITY: Medfield
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02052
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: IBM-DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/778,702
; FILING DATE: 03-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/157,364
; FILING DATE: 23-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: MORGENSTERN, Arthur S.
; REGISTRATION NUMBER: 28,244
; REFERENCE/DOCKET NUMBER: CCD-141
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508 359-3836
; TELEFAX: 508 359-3885
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Called Nano-44.
; HYPOTHETICAL: NO
; ANTI-SENSE: Yes
; POSITION IN GENOME:
; UNITS: Base 28 to base 47 of the positive strand
; UNITS: of the nanovariant sequence.
; US-08-778-702-6

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTCCTCATCCTCTGC 830
Db 1 GGTTCCTCATCCTCTAC 19

RESULT 597
US-08-147-843-3/c
; Sequence 3, Application US/08147843
; Patent No. 5766948
; GENERAL INFORMATION:
; APPLICANT: Gage, Fred H.
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/147,843
; FILING DATE: 03-NOV-1993
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:

;
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: GFAP Forward Primer
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..20
; US-08-147-843-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCAGGT 2403
Db 19 TGCTCAGGTGCCGAGT 1

RESULT 598
US-08-602-203-3/c
; Sequence 3, Application US/08602203
; Patent No. 5770414
; GENERAL INFORMATION:
; APPLICANT: Gage et al., Fred H.
; TITLE OF INVENTION: REGULATABLE RETROVIRUS SYSTEM FOR
; TITLE OF INVENTION: GENETIC MODIFICATION OF CELLS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/602,203
; FILING DATE: 20-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07257/024001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-602-203-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCGAGGT 2403
 Db 19 TGCTCCAGGTGCGAGGT 1

RESULT 599
 US-08-440-740A-62
 ; Sequence 62, Application US/08440740A
 ; Patent No. 5843738

; GENERAL INFORMATION:
 ; APPLICANT: Bennett and Mirabelli
 ; TITLE OF INVENTION: Oligonucleotide Modulation
 ; TITLE OF INVENTION: of Cell Adhesion
 ; NUMBER OF SEQUENCES: 85
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSES: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: PC-DOS
 ; SOFTWARE: WORDPERFECT 5.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/440,740A
 ; FILING DATE: May 12, 1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 063,167
 ; FILING DATE: May 17, 1993

; APPLICATION DATA:
 ; APPLICATION NUMBER: 969,151
 ; FILING DATE: February 10, 1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 007,997
 ; FILING DATE: January 20, 1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 939,855
 ; FILING DATE: September 2, 1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 567,286
 ; FILING DATE: August 14, 1990
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Jane Massey Licata
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0133
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (609) 779-2400
 ; TELEFAX: (609) 779-8488

; INFORMATION FOR SEQ ID NO: 62:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-08-440-740A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGCGAGG 3398
 Db 2 CTGTGTGTCCTCCAGGCGAGG 20

RESULT 600
 US-08-518-862C-16/c
 ; Sequence 16, Application US/0851862C

; Patent No. 5843757
 ; GENERAL INFORMATION:
 ; APPLICANT: Vogelstein, Bert
 ; APPLICANT: Kinzler, Kenneth W.
 ; APPLICANT: Nicolaides, Nicholas C.
 ; TITLE OF INVENTION: Human JTV1 Gene Overlaps PMS2 Gene
 ; NUMBER OF SEQUENCES: 23
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSES: Banner & Witcoff, Ltd.
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington, D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20001

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/518,862C
 ; FILING DATE: 24-AUG-1995
 ; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A.
 ; REGISTRATION NUMBER: 32,141
 ; REFERENCE/DOCKET NUMBER: 01107.49697
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299

; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHETICAL: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 ; US-08-518-862C-16

Query Match 0.4%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
 Db 20 GACGAGTCTTCACTAACC 2

RESULT 601

US-08-910-629A-61
 ; Sequence 61, Application US/08910629A
 ; Patent No. 5877309

; GENERAL INFORMATION:
 ; APPLICANT: Robert A. McKay
 ; APPLICANT: Nicholas M. Dean
 ; APPLICANT: Brett Monia
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
 ; NUMBER OF SEQUENCES: 86
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSES: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
 ; MEDIUM TYPE: STORAGE
 ; COMPUTER: PENTIUM

OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/910,629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0215
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-910-629A-61

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3379 GCTGTGTGTCACGAGG 3397
DB 2 GCTGGGTTTCGACGAGG 20

RESULT 602
US-08-478-178A-83/c
Sequence 83, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5882927ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20

Kinase C

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-478-178A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGTCCTGCTCTGG 1830
DB 19 CTGTGGTCCTGCTCTGG 1

RESULT 603
US-08-344-155C-62
Sequence 62, Application US/08344155C
Patent No. 5883082
GENERAL INFORMATION:
APPLICANT: Bennett and Stepkowski
TITLE OF INVENTION: Compositions and Methods for Preventing
TITLE OF INVENTION: and Treating Allograft Rejection
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,155C
FILING DATE: No. 5883082ember 23, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: 5/17/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: 1/21/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286
FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0098
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-344-155C-62

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Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTGGAGGG 3398
|||||
Db 2 CTGTGTGTCCTGGAGGG 20

RESULT 604
US-08-487-811A-3/c
; Sequence 3, Application US/08487811A
; Patent No. 5883226
; GENERAL INFORMATION:
; APPLICANT: Civelli, Olivier
; APPLICANT: Van Tol, Hubert H.M.
; TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,811A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5883226nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1092-L
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1..20
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /partial
; OTHER INFORMATION: /cons splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= intron
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
; US-08-487-811A-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCGGAGCGGCTCAC 116
|||||
Db 19 GCGCGGAGCGGCTCAC 1

RESULT 605
US-08-488-177-83/c
; Sequence 3, Application US/08488177
; Patent No. 5885970
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5885970ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,177
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1995
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-488-177-83

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGTCCTGCTCTGG 1830
|||||
Db 19 CTGTGGGTCCTGCTCTGG 1

RESULT 606
US-08-481-072A-83/c
; Sequence 83, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS

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; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-481-072A-83

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGTCCTGCTCTGG 1830
Db      ||||| ||||| ||||| ||||| |||||
      19 CTGTGGGTCCCTGCTCTGG 1

RESULT 607
US-08-664-336-83/c
; Sequence 83, Application US/08664336
; Patent No. 5922686
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922686ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,336
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-481-066A-83

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGTCCTGCTCTGG 1830
Db      ||||| ||||| ||||| ||||| |||||
      19 CTGTGGGTCCCTGCTCTGG 1

RESULT 608
US-08-481-066A-83/c
; Sequence 83, Application US/08481066A
; Patent No. 5959096
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5959096ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,066A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-481-066A-83

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGTCCTGCTCTGG 1830
Db      ||||| ||||| ||||| ||||| |||||
      19 CTGTGGGTCCCTGCTCTGG 1

RESULT 609
US-09-100-398-2/c
; Sequence 2, Application US/09100398
```

```
; Patent No. 5965712
; GENERAL INFORMATION:
; APPLICANT: Conrad, Daniel H.
; APPLICANT: Kelly, Ann E.
; TITLE OF INVENTION: LZ-CD23 CHIMERA FOR INHIBITION OF Igb-MEDIATED
; FILE REFERENCE: 294066AA
; CURRENT APPLICATION NUMBER: US/09/100,398
; CURRENT FILING DATE: 1998-06-19
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: primer
US-09-100-398-2

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1294 GTGAAGATGCTGAAGACG 1312
DB 19 GTGAAATGTTGAAGAAG 1

RESULT 610
US-09-065-858-3/c
; Sequence 3, Application US/09065858
; Patent No. 6013521
; GENERAL INFORMATION:
; APPLICANT: Gage, Fred H.
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
; FILE REFERENCE: 07257/013003
; CURRENT APPLICATION NUMBER: US/09/065,858
; CURRENT FILING DATE: 1998-04-24
; EARLIER APPLICATION NUMBER: 08/147,843
; EARLIER FILING DATE: 1993-11-03
; EARLIER APPLICATION NUMBER: 08/001,543
; EARLIER FILING DATE: 1993-01-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotides for PCR
US-09-065-858-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCAGAGGT 2403
DB 19 TGCTCAGGTGCCGAGGT 1

RESULT 611
US-08-578-615A-91/c
; Sequence 91, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
```

```
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-578-615A-91

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTGGGGTCTGCTCTGG 1830
DB 19 CTGTGGGTCCCTGCTCTGG 1

RESULT 612
US-08-982-845B-62
; Sequence 62, Application US/08982845B
; Patent No. 6015894
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/982,845B
; FILING DATE: December 2, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
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; FILING DATE: May 17, 1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 969,151
 ; FILING DATE: February 10, 1993
 ; PRIOR APPLICATION DATA: 007,997
 ; FILING DATE: January 21, 1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 939,855
 ; FILING DATE: September 2, 1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 567,286
 ; FILING DATE: August 14, 1990
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Jane Massey Licata
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0243
 ; TELEPHONE: (609) 779-2400
 ; TELEFAX: (609) 779-8488
 ; INFORMATION FOR SEQ ID NO: 62:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ;
 ; US-08-982-845B-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTTGTGTCCTCCAGGAGG 3398
 DB 2 CTTGTGTCCTCCAGGAGG 20

RESULT 613
 US-09-065-883-3/c
 ; Sequence 3, Application US/09065883
 ; Patent No. 6020197
 ; GENERAL INFORMATION:
 ; APPLICANT: Gage, Fred H.
 ; APPLICANT: Ray, Jasodhara
 ; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
 ; FILE REFERENCE: 07257/013004
 ; CURRENT APPLICATION NUMBER: US/09/065,883
 ; CURRENT FILING DATE: 1998-04-24
 ; EARLIER APPLICATION NUMBER: 08/147,843
 ; EARLIER FILING DATE: 1993-11-03
 ; EARLIER APPLICATION NUMBER: 08/001,543
 ; EARLIER FILING DATE: 1993-01-06
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 3
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotides for PCR
 ;
 ; US-09-065-883-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGTGCAGAGGT 2403
 DB 19 TGCTCCAGTGCAGAGGT 1

RESULT 614

US-08-745-892-19/c
 ; Sequence 19, Application US/08745892
 ; Patent No. 6040146
 ; GENERAL INFORMATION:
 ; APPLICANT: HOLLAND, JAMES
 ; APPLICANT: POGO, BEATRIZ
 ; TITLE OF INVENTION: DETECTION OF MAMMARY TUMOR VIRUS-LIKE
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond
 ; STREET: 30 Rockefeller Plaza
 ; CITY: New York
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 10112-0228
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/745,892
 ; FILING DATE: 08-NOV-1996
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/555,394
 ; FILING DATE: 09-NOV-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kole, Lisa B
 ; REGISTRATION NUMBER: 35,225
 ; REFERENCE/DOCKET NUMBER: A30363-A - 165/35211
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 212-408-2628
 ; TELEFAX: 212-765-2519
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; FRAGMENT TYPE:
 ; ORIGINAL SOURCE:
 ;
 ; US-08-745-892-19

Query Match 0.4%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2334 CGTGTGTGTGTGTGTGC 2352
 DB 20 CGTGTGTGTGTGTGTGC 2

RESULT 615
 US-09-095-769-3/c
 ; Sequence 3, Application US/09095769
 ; Patent No. 6045807
 ; GENERAL INFORMATION:
 ; APPLICANT: Gage, Fred H.
 ; APPLICANT: Ray, Jasodhara
 ; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Spensley Horn Jubas & Lubitz
 ; STREET: 1880 Century Park East, Suite 500
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 90067

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095,769
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: US 08/147,843
; APPLICATION NUMBER:
; FILING DATE: 03-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: GFAP Forward Primer
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..20
; US-09-095-769-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCAGAGGT 2403
Db 19 TGCTCAGGTGCCGAGT 1

RESULT 616
US-09-357-070-22/c
; Sequence 22, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-357-070-22

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1203 GCCCCTTGGGAGGGTGC 1221
Db 20 GCCCCTTGGGAGGGTGC 2

RESULT 617
US-09-073-465-14

; Sequence 14, Application US/09073465
; Patent No. 6054278
; GENERAL INFORMATION:
; APPLICANT: DODGE, Deborah E
; APPLICANT: SMITH, Doug
; TITLE OF INVENTION: RIBOSOMAL RNA GENE POLYMORPHISM BASED MICROORGANISM
; FILE REFERENCE: IDENTIFICATION
; FILE REFERENCE: 4343 US
; CURRENT APPLICATION NUMBER: US/09/073,465
; CURRENT FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Bacterial
; US-09-073-465-14

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 175 GACGAAGCGGGGAGGACG 193
Db 1 GAGGAAGCGGGGAGGATGACG 19

RESULT 618
US-09-073-465-15/c
; Sequence 15, Application US/09073465
; Patent No. 6054278
; GENERAL INFORMATION:
; APPLICANT: DODGE, Deborah E
; APPLICANT: SMITH, Doug
; TITLE OF INVENTION: RIBOSOMAL RNA GENE POLYMORPHISM BASED MICROORGANISM
; FILE REFERENCE: IDENTIFICATION
; FILE REFERENCE: 4343 US
; CURRENT APPLICATION NUMBER: US/09/073,465
; CURRENT FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Bacterial
; US-09-073-465-15

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 175 GACGAAGCGGGGAGGACG 193
Db 20 GAGGAAGCGGGGAGGATGACG 2

RESULT 619
US-08-991-525B-62
; Sequence 62, Application US/08991525B
; Patent No. 6093811
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
```

STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/991,525B
FILING DATE: December 16, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
NAME: Jane Massey Licata
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0247
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-991-525B-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCGAGGG 3398
|||||
Db 2 CTGTGTGTCCTCCGAGGG 20

RESULT 620
US-09-085-759-62
Sequence 62, Application US/09085759
Patent No. 6096722
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Christopher Mirabelli,
APPLICANT: Brenda Baker
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion
TITLE OF INVENTION: Molecule-Associated Diseases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 56 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/085,759
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0311
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-085-759-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCGAGGG 3398
|||||
Db 2 CTGTGTGTCCTCCGAGGG 20

RESULT 621
US-08-909-954-5
Sequence 5, Application US/0809954A
Patent No. 6100058
GENERAL INFORMATION:
APPLICANT: Allen, Maxine J.
APPLICANT: Buckler, Alan J.
TITLE OF INVENTION: GAP12 Genes and their Uses
FILE REFERENCE: SEQ-11P
CURRENT APPLICATION NUMBER: US/08/909,954A
CURRENT FILING DATE: 1997-08-12
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-08-909-954-5

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 CCTGTGTGGTGGCATCT 2384
|||||
Db 1 CCTGTGTGCATCCACATCT 19

RESULT 622

US-08-909-954-13
; Sequence 13, Application US/08909954A
; Patent No. 6100058
; GENERAL INFORMATION:
; APPLICANT: Allen, Maxine J.
; APPLICANT: Buckler, Alan J.
; TITLE OF INVENTION: GAP12 Genes and their Uses
; FILE REFERENCE: SEQ-11P
; CURRENT APPLICATION NUMBER: US/08/909,954A
; CURRENT FILING DATE: 1997-08-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-08-909-954-13

Query Match 0.4%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02; Indels 0; Gaps 0;

QY 2366 CCTGTGTGGTGGCATCT 2384
|||||
Db 1 CCTGTGTGCATCCACATCT 19

RESULT 623

US-09-053-866-10/c
; Sequence 10, Application US/09053866
; Patent No. 6111075
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Presnell, Scott R.
; APPLICANT: Yes, David P.
; APPLICANT: Foster, Donald C.
; TITLE OF INVENTION: PROTEASE-ACTIVATED RECEPTOR
; TITLE OF INVENTION: PAR4 (ZCHEMR2)
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/053,866
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Leith, Debra K
; REGISTRATION NUMBER: 32,619
; REFERENCE/DOCKET NUMBER: 98-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6674
; TELEFAX: 206-442-6678

TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-053-866-10

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2415 CCCCCTGCTGTGCAACGG 2433
|||||
Db 20 CCATGCTGCTGTGCTACGG 2

RESULT 624

US-09-287-796-61
; Sequence 61, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-61

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3379 GCTGTGTGTCCAGGCAGG 3397
|||||
Db 2 GCTGGTTTCGAGGCAGG 20

RESULT 625

US-09-444-053-36/c
; Sequence 36, Application US/09444053A
; Patent No. 6165728
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
; FILE REFERENCE: RTS-0122
; CURRENT APPLICATION NUMBER: US/09/444,053A
; CURRENT FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-444-053-36

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 CGTGAAGATCTGAAGAC 1311
|||||
DB 19 CGTGAAGACCTGAAGAC 1

RESULT 626

US-09-444-053-54/c
Sequence 54, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-54

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GTGAGGCTGACGAGCGG 883
|||||
DB 20 GAGGAGGTGACGAGCGG 2

RESULT 627

US-09-444-053-61/c
Sequence 61, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-61

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1533 GGAGCAGCTCACTTCAG 1551
|||||
DB 20 GGAGCAGCTCACTTCAG 2

RESULT 628

US-09-433-699-60
Sequence 60, Application US/09433699B
Patent No. 6165786

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
FILE REFERENCE: RTS-0109
CURRENT APPLICATION NUMBER: US/09/433,699B
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-60

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 CTTCTTCCTGTTTCATCTG 939
|||||
DB 2 CTTCTTCATTCATCTG 20

RESULT 629

US-09-128-496-62
Sequence 62, Application US/09128496
Patent No. 6165079
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,496
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 62:

SEQUENCE CHARACTERISTICS:

LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-128-496-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTCTCCAGGAGGG 3398
|||||
Db 2 CTGTGTCTCCAGGAGGG 20
|||||

RESULT 630

US-08-906-517-120
Sequence 120, Application US/08906517
Patent No. 6180774

GENERAL INFORMATION:

APPLICANT: Brown, Sherri M.
APPLICANT: Dean, Duff A.
APPLICANT: Fromm, Michael E.
APPLICANT: Sanders, Patricia R.
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
TITLE OF INVENTION: Expression in Monocytoidous Plants and Method For
TITLE OF INVENTION: Preparation Thereof
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/906,517
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: MOBT:170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512-418-3000
TELEFAX: 512-474-7577

INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-906-517-120

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2617 GCTGTGAGGAGCCCCAC 2635
|||||
Db 2 GTCTGCAGATGCCCCAC 20
|||||

RESULT 631

US-09-488-671-160/c
Sequence 160, Application US/09488671A

Patent No. 6187545
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
FILE REFERENCE: RTS-0123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 160
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-160

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 42 GGGGCCCCGCGCTGCAG 60
|||||
Db 20 GAGGCCACAGCTGCTGCAG 2
|||||

RESULT 632

US-09-060-694-3/c
Sequence 3, Application US/09060694
Patent No. 6203998

GENERAL INFORMATION:

APPLICANT: Civeilli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 6203998el Human Dopamine Receptor and Uses
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,694
FILING DATE: 15-APR-1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 6203998nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-MM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: intron
LOCATION: 1..20
IDENTIFICATION METHOD: experimental
OTHER INFORMATION: /partial

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; OTHER INFORMATION: /cons_splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= Intron1
; OTHER INFORMATION: /note= "this is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
US-09-060-694-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 98 GCTGCCGCGCAGCGCTCAC 116
Db 19 GCGCGCGGACGCGGCTCAC 1

RESULT 633
US-09-130-616-61
; Sequence 61, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-61

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3379 GCTGTGTGTCGCGGCGG 3397
Db 2 GCTGGGTTTCGCGGCGG 20

RESULT 634
US-08-931-858E-233/c
; Sequence 233, Application US/08931858E
; Patent No. 6222022
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, EUGENE M
; APPLICANT: MILBRANDT, JEFFREY D
; APPLICANT: KOTZBAUER, PAUL T
; APPLICANT: LAMPE, PATRICIA A
; APPLICANT: KLEIN, ROBERT
; APPLICANT: DESAUVAGE, FRED
; TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: HOWELL & HAFERKAMP, L.C.
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MO
; COUNTRY: USA
; ZIP: 63105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,858E
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 971486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-931-858E-233

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3660 CTGCAGGCGCATGGCTCAG 3678
Db 19 CTGCAGGCGCGGCGCGAG 1

RESULT 635
US-09-487-445-92/c
; Sequence 92, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-92

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3260 GATATTTTATTGCTTTGT 3278
Db 19 GCTATTTTGTGTTTGT 1

RESULT 636
US-08-884-427-3/c
; Sequence 3, Application US/08884427A
; Patent No. 6285175
; GENERAL INFORMATION:
; APPLICANT: Gage, Fred H.
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: Method for Production of Neuroblasts
; FILE REFERENCE: 07257/013002
; CURRENT APPLICATION NUMBER: US/08/884,427A
; CURRENT FILING DATE: 1997-06-27
; NUMBER OF SEQ ID NOS: 4
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: sequence
US-08-884-427-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGTGCAGAGGT 2403
      ||||| ||||| |||||
Db 19 TGCTCAGGTGCCGAGGT 1

RESULT 637
US-09-489-868A-78
; Sequence 78, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-78

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3447 TTACATGTTACAAATATAT 3465
      ||||| ||||| |||||
Db 2 TTACATGTTACAAATATAT 20

RESULT 638
US-09-593-711A-60/c
; Sequence 60, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-60

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3250 TTCCAGTGAAGATATTTTA 3268
      ||||| ||||| |||||
Db 20 TTAAAGTGAAGACATTTTA 2

RESULT 641
US-09-009-490A-62
; Sequence 62, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
```

```
QY 243 CGAGCGGATGGACAAGAAG 261
      ||||| ||||| |||||
Db 20 CGAGCGGCTGCAGAAGAAG 2

RESULT 639
US-09-593-711A-122
; Sequence 122, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-122

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 44 GCGCCGAGCGGCTGCAGGT 62
      ||||| ||||| |||||
Db 1 GCGCGGAGCGGCTCCAGGT 19

RESULT 640
US-09-593-711A-241/c
; Sequence 241, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-241

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3250 TTCCAGTGAAGATATTTTA 3268
      ||||| ||||| |||||
Db 20 TTAAAGTGAAGACATTTTA 2

RESULT 641
US-09-009-490A-62
; Sequence 62, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
```

```
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Office of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/009,490A
/ FILING DATE: January 20, 1998
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 440,740
/ FILING DATE: May 12, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 063,167
/ FILING DATE: May 17, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 969,151
/ FILING DATE: February 10, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 007,997
/ FILING DATE: January 20, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 939,855
/ FILING DATE: September 2, 1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 567,286
/ FILING DATE: August 14, 1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0268
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 810-1515
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 62:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-009-490A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGAGGG 3398
Db 2 CTGTGTGTCCTCCAGGAGGG 20.

RESULT 642
US-09-593-589-32/c
/ Sequence 32, Application US/09593589
/ Patent No. 630655
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
/ FILE REFERENCE: RTS-0119
/ CURRENT APPLICATION NUMBER: US/09/593,589
/ CURRENT FILING DATE: 2000-06-13
/ NUMBER OF SEQ ID NOS: 94
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/ SEQ ID NO 32
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-09-593-589-32

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2041 TTCACCGACGAGTACTCTGG 2059
Db 19 TTCACCGACGAGTCTCTGG 1

RESULT 643
US-08-050-482A-11/c
/ Sequence 11, Application US/08050482A
/ Patent No. 6312939
/ GENERAL INFORMATION:
/ APPLICANT: ROBERTS, Joseph
/ MACALLISTER, Thomas W.
/ SETHURAMAN, Natarajan
/ FREEMAN, Abbie G.
/ TITLE OF INVENTION: GENETICALLY ENGINEERED GLUTAMINASE AND
/ ITS USE IN ANTIVIRAL AND ANTICANCER THERAPY
/ NUMBER OF SEQUENCES: 22
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: FOLEY & LARDNER
/ STREET: 3000 K Street, N.W.
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: U.S.A.
/ ZIP: 20007-5109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/050,482A
/ FILING DATE: 25-Apr-1995
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: WO PCT/US92/10421
/ FILING DATE: 04-DEC-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bent, Stephen A.
/ REGISTRATION NUMBER: 29,768
/ REFERENCE/DOCKET NUMBER: 023032/0106
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 672-5300
/ TELEFAX: (202) 672-5399
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 11:
/ US-08-050-482A-11

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 845 TGCCAGCCGAGGAGGAGCT 863
Db 19 TGCCAGCCCTGCAGGAGCT 1
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RESULT 644
US-08-750-088A-66/c
; Sequence 66, Application US/08750088A
; Patent No. 6329138
; GENERAL INFORMATION:
; APPLICANT: DE BEENHOWER, HANS
; APPLICANT: PORTAELS, FRAN OISE
; APPLICANT: MACHTELINCKX, LIEVE
; APPLICANT: JANNES, GEERT
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF THE ANTIBIOTIC
; TITLE OF INVENTION: RESISTANCE SPECTRUM OF MYCOBACTERIUM SPECIES
; NUMBER OF SEQUENCES: 71
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERNER, KESSLER, GOLDSTEIN & FOX P.L.L.C.
; STREET: 1100 NEW YORK AVENUE, SUITE 600
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/750,088A
; FILING DATE: 21-FEB-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: GOLDSTEIN, JORGE A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 1657.0010000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-750-088A-66
Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 355 GAGTCCGGCGGAGCACC 373
DB 20 GAGTCCGGCGAGTGCACC 2
RESULT 645
US-08-829-637A-83/c
; Sequence 83, Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Phillip Dan Cook
; APPLICANT: Nicholas Dean
; APPLICANT: Glenn Hoke
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
; TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
; TITLE OF INVENTION: WHICH MODULATE ai, all, , k, n, AND ISOFORMS OF
; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/829,637A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/481,066
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,129
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,851
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/468,569
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/058,023
FILING DATE: 05-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,007
FILING DATE: 16-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/777,760
FILING DATE: 15-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/852,852
FILING DATE: 16-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/00243
FILING DATE: 11-JAN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/566,977
FILING DATE: 13-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,358
FILING DATE: 11-JAN-1990
ATTORNEY/AGENT INFORMATION:
NAME:
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: ISIS-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-829-637A-83
Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1812 CTTGGGGTCTGCTCTGG 1830
DB 19 CTGTGGGCTCTGCTCTGG 1

```
RESULT 646
US-09-925B-37/c
; Sequence 37, Application US/09660925B
; Patent No. 6352858
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF BTAK EXPRESSION
; FILE REFERENCE: RTS-0177
; CURRENT APPLICATION NUMBER: US/09/660,925B
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-660-925B-37
Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3498 ACAAGATGTTATTGTTGTA 3516
||||| ||||||| ||
Db 20 ACAAGAAATATTGTTTA 2

RESULT 647
US-09-175-658B-15
; Sequence 15, Application US/09175658B
; Patent No. 6372900
; GENERAL INFORMATION:
; APPLICANT: METALLINOS, DANIKI
; APPLICANT: RINE, JASPER
; APPLICANT: BOWLING, ANN
; TITLE OF INVENTION: HORSE ENDOTHELIN-B RECEPTOR GENE AND GENE PRODUCTS
; FILE REFERENCE: GORR-110
; CURRENT APPLICATION NUMBER: US/09/175,658B
; CURRENT FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/062,562
; PRIOR FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer for
; OTHER INFORMATION: horse EDNRB PCR analysis.
US-09-175-658B-15
Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3427 GTGTGCGAGTTCCGATGTT 3445
||||| ||||||| ||
Db 1 GTGTGGAGTTCCGATGAT 19

RESULT 648
US-08-294-312B-55/c
; Sequence 55, Application US/08294312B
; Patent No. 6380369
; GENERAL INFORMATION:
; APPLICANT: Adams et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P2
```

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; CURRENT APPLICATION NUMBER: US/08/294,312B
; CURRENT FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH3 primer
US-08-294-312B-55
Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTCACTCACC 1795
||||| ||||||| ||
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 649
US-08-294-312B-66/c
; Sequence 66, Application US/08294312B
; Patent No. 6380369
; GENERAL INFORMATION:
; APPLICANT: Adams et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P2
; CURRENT APPLICATION NUMBER: US/08/294,312B
; CURRENT FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 1 to 863 hMLH3
US-08-294-312B-66
Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTCACTCACC 1795
||||| ||||||| ||
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 650
US-08-294-312B-69/c
; Sequence 69, Application US/08294312B
; Patent No. 6380369
; GENERAL INFORMATION:
; APPLICANT: Adams et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P2
; CURRENT APPLICATION NUMBER: US/08/294,312B
; CURRENT FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 1 to 863 hMLH3
US-08-294-312B-69
Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTCACTCACC 1795
||||| ||||||| ||
Db 20 GACAGAGTCTTCACTAACC 2
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 415 to 863 of hMLH3
US-08-294-312B-69

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 651
US-09-659-791A-40/c
; Sequence 40, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-40

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 AGACGTACACGCTGGACGT 509
Db 20 AGACGCACATGCTGGATGT 2

RESULT 652
US-09-167-109-195
; Sequence 195, Application US/091671109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAP EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-195

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1998 CAAGCAGCTGTTGGAGGAC 2016
Db 2 CAAGCGCTGTTAGAGGAC 20

RESULT 653
US-08-468-024B-55/c
; Sequence 55, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH3 primer
US-08-468-024B-55

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 654
US-08-468-024B-66/c
; Sequence 66, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 1 to 863 hMLH3
US-08-468-024B-66

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACAGAGTCTTCACTAACC 2
```



```
RESULT 655
US-08-468-024B-69/c
; Sequence 69, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 415 to 863 of hMLH3
US-08-468-024B-69

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACGAGTCTACACTACAC 1795
Db 20 GACAGAGTCTTCACTACC 2

RESULT 656
US-09-657-452A-106/c
; Sequence 106, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-106

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 858 GGAGCTGGTGGAGGCTGAC 876
Db 19 GCAGCCGGTGGAGGATGAC 1

RESULT 657
US-09-301-836-1/c
; Sequence 1, Application US/09301836
; Patent No. 6436393
; GENERAL INFORMATION:
; APPLICANT: Bilbao, Guadalupe
; APPLICANT: Curiel, David
```

```
; APPLICANT: Contreras, Juan L.
; TITLE OF INVENTION: Adenoviral Vector Encoding Anti-Apoptotic Bcl-2
; FILE REFERENCE: D6078
; CURRENT APPLICATION NUMBER: US/09/301,836
; CURRENT FILING DATE: 1999-04-29
; EARLIER APPLICATION NUMBER: 60/083,434
; EARLIER FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: primer for PCR amplification to generate human
; OTHER INFORMATION: Bcl-2-specific fragment (-590 bp)
US-09-301-836-1

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1013 AGATCTCCCGCTTCCCGCT 1031
Db 19 ACATCTCCCGCATCCCACT 1

RESULT 658
US-09-479-130-10/c
; Sequence 10, Application US/09479130
; Patent No. 6436400
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Preenell, Scott R.
; APPLICANT: Yee, David P.
; APPLICANT: Foster, Donald C.
; TITLE OF INVENTION: PROTEASE-ACTIVATED RECEPTOR
; TITLE OF INVENTION: PAR4 (ZCHEMR2)
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Bastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/479,130
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Leith, Debra K
; REGISTRATION NUMBER: 32,619
; REFERENCE/DOCKET NUMBER: 98-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6674
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-09-479-130-10

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2415 CCCGCTGCTGTGCACGG 2433
DB 20 CCATGCTGCTGTGCTACGG 2

RESULT 659

US-09-378-074-3/c
; Sequence 3, Application US/09378074
; Patent No. 6437114
; GENERAL INFORMATION:
; APPLICANT: Van Tol, Hubert H.M.
; TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd. 3000
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,074
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/928,611

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: No. 6437114nan, Kevin E

REGISTRATION NUMBER: 35,303

REFERENCE/DOCKET NUMBER: 90,1092-B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-715-1000

TELEFAX: 312-715-1234

TELEX: 810-221-8317

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: intron

LOCATION: 1..20

IDENTIFICATION METHOD: experimental

OTHER INFORMATION: /partial

/cons_splices (5'site: YES, 3'site: NO)

/evidence= EXPERIMENTAL

/label= Intron1

/note= "This is the 5' sequence of an intron

estimated to be 2.0 kilobases in length"

SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-378-074-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 98 GCTGCCGGCAGCGGTCTCAC 116
|| ||||| |||||

Db 19 GCGGCCGGCAGCGGTCTCAC 1

RESULT 660

US-09-705-299-58/c
; Sequence 58, Application US/09705299
; Patent No. 6440737
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE E

; FILE REFERENCE: RTS-0174

; CURRENT APPLICATION NUMBER: US/09/705,299

; CURRENT FILING DATE: 2000-11-01

; NUMBER OF SEQ ID NOS: 86

; SEQ ID NO 58

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-299-58

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2235 AGCCACCCTGCTGCTGT 2253
||| ||||| |||||

Db 19 AGCTAACCTGCTGCTGT 1

RESULT 661

US-09-470-443-38
; Sequence 38, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.

; APPLICANT: Minna, John D.

; APPLICANT: Latif, Farida

; APPLICANT: Wei, Ming-Hui

; APPLICANT: Sekido, Yoshitaka

; APPLICANT: Duh, Fuh-Mei

; FILE REFERENCE: NIH-05043

; CURRENT APPLICATION NUMBER: US/09/470,443

; CURRENT FILING DATE: 1999-12-22

; EARLIER APPLICATION NUMBER: 60/114,359

; EARLIER FILING DATE: 1998-12-30

; NUMBER OF SEQ ID NOS: 114

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 38

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-470-443-38

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 3706 TGGTGGCCAGAGGTGTCAC 3724
||| ||||| |||||

Db 2 TGGTGGCCACAGCAGTCAC 20

RESULT 662

US-08-520-373D-30/c
; Sequence 30, Application US/08520373D
; Patent No. 6451763

```
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J
; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203U81
; CURRENT APPLICATION NUMBER: US/08/520,373D
; PRIOR FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PRIMER
; OTHER INFORMATION: PRIMER 353
US-08-520-373D-30

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2585 GTGCGTCTGGCCCTCCCA 2603
Db 20 GTTCGCTCGTCGCTCCCA 2

RESULT 663
US-09-472-130A-10/c
; Sequence 10, Application US/09472130A
; Patent No. 6473765
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Presnell, Scott R.
; APPLICANT: Yee, David P.
; APPLICANT: Foster, Donald C.
; TITLE OF INVENTION: PROTEASE-ACTIVATED RECEPTOR PAR4
; FILE REFERENCE: (ZCHEMR2)
; CURRENT APPLICATION NUMBER: US/09/472,130A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/053,866
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer.
US-09-472-130A-10

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2415 CCCCCTGCTGTCGACGCG 2433
Db 20 CCATGCTGCTGCTACGG 2
```

```
RESULT 664
US-09-706-197-20/c
; Sequence 20, Application US/09706197
; Patent No. 6475797
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: David Spector
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION
; FILE REFERENCE: RTS-0145
; CURRENT APPLICATION NUMBER: US/09/706,197
; CURRENT FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-706-197-20

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3242 GGAGGTGATTCAGTGAAG 3260
Db 20 GGTGGTGACTTCAGTGAAG 2

RESULT 665
US-09-920-668-31/c
; Sequence 31, Application US/09920668
; Patent No. 6482644
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
; FILE REFERENCE: RTS-0246
; CURRENT APPLICATION NUMBER: US/09/920,668
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-668-31

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 258 GAAGTCTGTCGCGTCCG 276
Db 19 GAAGTCTGTCGCGCCCTG 1

RESULT 666
US-09-658-688A-83/c
; Sequence 83, Application US/09658688A
; Patent No. 6498035
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
; FILE REFERENCE: RTS-0143
; CURRENT APPLICATION NUMBER: US/09/658,688A
```

; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3377 TTGCTGTGTGTCACGCA 3395
Db 19 TTGCTGCTCTCCACGCA 1

RESULT 667
US-09-668-313A-80/c
; Sequence 80, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: R1S-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-80

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3026 GTATTTTCTAAAGCTATT 3044
Db 19 GTATTTTGTAAACATTT 1

RESULT 668
US-09-216-393B-243
; Sequence 243, Application US/09216393B
; Patent No. 6514694
; GENERAL INFORMATION:
; APPLICANT: Milhausen, Michael James
; TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: TX-1-C2
; CURRENT APPLICATION NUMBER: US/09/216,393B
; CURRENT FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994,825
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 366
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-216-393B-243

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2850 TATGGAAGAGGAAAGGCT 2868
Db 1 TGTGGCAGAGCAAAAGGCT 19

RESULT 669

US-09-422-978-11617
; Sequence 11617, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11617
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11206 for SEQ 3752, in complete
US-09-422-978-11617

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2847 ATATATGGAAGAGGAAAG 2865
Db 2 AGATATGGAAGAGGAGAG 20

RESULT 670

US-10-025-139-83/c
; Sequence 83, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Doir, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
; FILE REFERENCE: ISI54954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:


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QY 1644 GCTGGTGACGAGGACAAC 1662
Db 19 GCTTGTACCAAGGACAAC 1

RESULT 676
US-09-198-452A-5790
; Sequence 5790, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5790
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5790

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1708 CTCGACTACTACAAGA 1726
Db 2 CTCGCACTACAAGCAGA 20

RESULT 677
US-09-198-452A-6696
; Sequence 6696, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6696
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6696

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2613 CTGAGCTCGAGGAGCC 2631
Db 2 CTGACCTTGAGGGAATCC 20

RESULT 678
US-09-708-200-4/c
; Sequence 4, Application US/09708200
; Patent No. 6576468
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas C
; APPLICANT: Grasso, Luigi
; APPLICANT: Sassi, Philip M
; TITLE OF INVENTION: METHODS FOR ISOLATING NOVEL ANTIMICROBIAL AGENTS FROM HYPERMUTABLE CELLS
; FILE REFERENCE: MOR-0005
```

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; CURRENT APPLICATION NUMBER: US/09/708,200
; CURRENT FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: Primer
US-09-708-200-4

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 679
US-09-915-229-3/c
; Sequence 3, Application US/09915229
; Patent No. 6599695
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: Gage, Fred
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
; FILE REFERENCE: REGEN1160-5
; CURRENT APPLICATION NUMBER: US/09/915,229
; CURRENT FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: 08/884,427
; PRIOR FILING DATE: 1997-06-27
; PRIOR APPLICATION NUMBER: 08/445,075
; PRIOR FILING DATE: 1995-05-19
; PRIOR APPLICATION NUMBER: 08/147,843
; PRIOR FILING DATE: 1993-11-03
; PRIOR APPLICATION NUMBER: 08/001,543
; PRIOR FILING DATE: 1993-01-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward primer for PCR
US-09-915-229-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCCTCCAGGTGCAGAGGT 2403
Db 19 TGCCTCAGGTGCCGAGGT 1

RESULT 680
US-08-465-679-55/c
; Sequence 55, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haseitine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
```

; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH3 primer
US-08-465-679-55

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
||| ||||| ||||| |||||
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 681
US-08-465-679-66/c
; Sequence 66, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haselaine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 1 to 863 hMLH3
US-08-465-679-66

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
||| ||||| ||||| |||||
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 682
US-08-465-679-69/c
; Sequence 69, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haselaine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757

; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 415 to 863 of hMLH3
US-08-465-679-69

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
||| ||||| ||||| |||||
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 683
US-09-112-580-190/c
; Sequence 190, Application US/09112580
; Patent No. 6610539
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping
; APPLICANT: DUGOURD, Dominique
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF
; TITLE OF INVENTION: MICROORGANISMS
; FILE REFERENCE: 032396-016
; CURRENT APPLICATION NUMBER: US/09/112,580
; CURRENT FILING DATE: 1998-07-09
; EARLIER APPLICATION NUMBER: US 60/052,160
; EARLIER FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 265
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-112-580-190

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2004 GCTGTGGAGGACCTGGAC 2022
||| ||||| ||||| |||||
Db 19 GCTGTGGAGGAGTGGAC 1

RESULT 684
US-09-722-319-66/c
; Sequence 66, Application US/09722319
; Patent No. 6632607
; GENERAL INFORMATION:
; APPLICANT: DE BEENHOUWER, HANS
; APPLICANT: PORTAELS, FRANCOISE
; APPLICANT: MACHTELINCCKX, LIEVE
; APPLICANT: JANNES, GEERT
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: Oligonucleotide Molecules for Use in Detection of Mycobacterium
; TITLE OF INVENTION: Antibiotic Resistance
; FILE REFERENCE: 1657.0010001
; CURRENT APPLICATION NUMBER: US/09/722,319
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 08/750,088
; PRIOR FILING DATE: 1996-12-06
; PRIOR APPLICATION NUMBER: PCT/EP95/02230
; PRIOR FILING DATE: 1995-06-09
; PRIOR APPLICATION NUMBER: EP 94870093.5
; PRIOR FILING DATE: 1994-06-09

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; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-722-319-66

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 355 GAGTCCGGCGGAGCACC 373
Db 20 GAGTCCGGCGAGTCGACC 2

RESULT 685
US-09-860-473-104/c
; Sequence 104, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-104

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1533 GGAGCAGCTCACTTCAAG 1551
Db 20 GGAGCGGCCCACTTCGAG 2

RESULT 686
US-09-860-473-105
; Sequence 105, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-105

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 736 CTAGAGGTTCTCTCCTTGC 754
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Db 1 CTAGAGGTTCTCCCGGC 19

RESULT 687
US-09-860-473-150/c
; Sequence 150, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-150

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1214 AGGCTGCTTCGCCAGGT 1232
Db 19 AGGTTGCTTCGGAGAGGT 1

RESULT 688
US-09-914-272A-9/c
; Sequence 9, Application US/09914272A
; Patent No. 6673913
; GENERAL INFORMATION:
; APPLICANT: Sakaguchi, No. 6673913uo
; APPLICANT: Kuwahara, Kazuhiko
; TITLE OF INVENTION: GANP Protein
; FILE REFERENCE: 050208-0014
; CURRENT APPLICATION NUMBER: US/09/914,272A
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: PCT/JP99/04634
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: 47035/1999
; PRIOR FILING DATE: 1999-02-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-914-272A-9

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 246 GCGGATGGACAGAAGCTG 264
Db 20 GCTTTGGACAGAAGCTG 2

RESULT 689
US-09-657-013-6
; Sequence 6, Application US/09657013
; Patent No. 6709817
; GENERAL INFORMATION:
; APPLICANT: Zoghbi, Huda Y.
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; APPLICANT: Van den Veyver, Ignatia B
; APPLICANT: Amir, Ruthie
; APPLICANT: Francke, Uta
; TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain
; FILE REFERENCE: HO-P0189USI/03905371
; CURRENT APPLICATION NUMBER: US/09/657,013
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/152,778
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-657-013-6

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2154 GCTGCCCGCCGCCACCC 2172
      |||||
Db      1 GTTCCCCCGACCCACCC 19

RESULT 690
US-09-220-407-233/c
; Sequence 233, Application US/09220407
; Patent No. 6716600
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, EUGENE M
; APPLICANT: MILBRANDT, JEFFREY D
; APPLICANT: KOTZBAUER, PAUL T
; APPLICANT: LAMPE, PATRICIA A
; APPLICANT: KLEIN, ROBERT
; APPLICANT: DESAUVAGE, FRED
; TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWELL & HAFERKAMP, L.C.
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MO
; COUNTRY: USA
; ZIP: 63105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/220,407
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,858
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 971486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; APPLICANT: linear
; MOLECULE TYPE: CDNA
US-09-220-407-233

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3660 CTGCAGGCCATGGCTCAG 3678
      |||||
Db      19 CTGCAGGCCAGGCCGAG 1

RESULT 691
US-10-029-517-76
; Sequence 76, Application US/10029517
; Patent No. 6716627
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-76

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2380 CATCTTGCCTCCAGGTGCA 2398
      |||||
Db      1 CATTTGCCTCTGGGTGCA 19

RESULT 692
US-10-215-448-55/c
; Sequence 55, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-55

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      933 CATCTTGGTGGTGGCGCT 951
      |||||
Db      19 CAGCCTGGTGGTGGCGGT 1

RESULT 693
US-09-758-881-138
; Sequence 138, Application US/09758881
```

Patent No. 6727064
; GENERAL INFORMATION:
; APPLICANT: Karraa, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758,881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 138
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-138

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GTGACACAGATCTCCGCT 1024
|||||
DB 1 GTGCTCAGATGCGCGCT 19

RESULT 694
US-09-899-440-2/c
; Sequence 2, Application US/09899440
; Patent No. 6770753
; GENERAL INFORMATION:
; APPLICANT: Stein, Cy
; TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
; FILE REFERENCE: 0575/63180
; CURRENT APPLICATION NUMBER: US/09/899,440
; CURRENT FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (..)
; OTHER INFORMATION: antisense oligonucleotide LB62
US-09-899-440-2

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 297 CGCTGCCAGCGCTGGC 315
|||||
DB 20 CGCTGCCAGCGCTGGC 2

RESULT 695
PCT-US93-07370-3/c
; Sequence 3, Application PC/TUS9307370
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/07370
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1..20
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /partial
; OTHER INFORMATION: /cons_splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= Intron1
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
PCT-US93-07370-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCGGCGAGCGGCTCAC 116
|||||
DB 19 GCGGCGGAGCGGCTCAC 1

RESULT 696
PCT-US93-08101-62
; Sequence 62, Application PC/TUS9308101
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESS: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08101
; FILING DATE: Herewith
; CLASSIFICATION:
; APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100

```
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 62:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
PCT-US93-08101-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGCGAGG 3398
Db 2 CTGTGTGTCCTCCAGGCGAGG 20

RESULT 697
PCT-US94-00185-3/c
/ Sequence 3, Application PC/TUS9400185
/ GENERAL INFORMATION:
/ APPLICANT: Gage, Fred H.
/ TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
/ NUMBER OF SEQUENCES: 4
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Spensley Horn Juba & Lubitz
/ STREET: 1880 Century Park East, Suite 500
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90067
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US94/00185
/ FILING DATE: 05-JAN-1994
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wetherell, Jr., Ph.D., John R.
/ REGISTRATION NUMBER: 31,678
/ REFERENCE/DOCKET NUMBER: PD-3107 PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (619) 455-5100
/ TELEFAX: (619) 455-5110
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: GPAP Forward Primer
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..20
PCT-US94-00185-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCCTCCAGGTGCAGAGGT 2403
Db 19 TGCCTAGGGTGCAGAGGT 1
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```
RESULT 698
PCT-US94-07770-91/c
/ Sequence 91, Application PC/TUS9407770
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas Dean, C. Frank Bennett and
/ APPLICANT: Russell T. Boggs
/ TITLE OF INVENTION: Oligonucleotide Modulation of
/ TITLE OF INVENTION: Protein Kinase C
/ NUMBER OF SEQUENCES: 119
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz
/ ADDRESSEE: Mackiewicz & Norris
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
/ MEDIUM TYPE: STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US94/07770
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 852,852
/ FILING DATE: March 16, 1992
/ APPLICATION NUMBER: 08/089,996
/ FILING DATE: July 9, 1993
/ APPLICATION NUMBER: 08/199,779
/ FILING DATE: February 22, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Rebecca Ralph Gaumond
/ REGISTRATION NUMBER: 35,152
/ REFERENCE/DOCKET NUMBER: ISIS-1546
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 91:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ANTI-SENSE: yes
PCT-US94-07770-91

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGGTCTGCTCTGG 1830
Db 19 CTGTGGGTCTCTGCTCTGG 1

RESULT 699
US-09-750-401-20
/ Sequence 20, Application US/09750401
/ Patent No. 6635422
/ GENERAL INFORMATION:
/ APPLICANT: Keene, Jack D.
/ APPLICANT: Carson, Craig C.
/ APPLICANT: Tenenbaum, Scott A.
/ TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
/ TITLE OF INVENTION: complexes
/ FILE REFERENCE: REN-001
/ CURRENT APPLICATION NUMBER: US/09/750,401
/ CURRENT FILING DATE: 2000-12-28
/ PRIOR APPLICATION NUMBER: US 60/173,338
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; PRIOR FILING DATE: 1999-12-28
 ; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 20
 ; LENGTH: 23
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
 US-09-750-401-20

Query Match 0.4%; Score 14.2; DB 1; Length 23;
 Best Local Similarity 15.8%; Pred. No. 9e+02;
 Matches 3; Conservative 13; Mismatches 3; Indels 0; Gaps 0;

QY 3115 TTATATTTTAACTATT 3133
 Db 2 UUUUAAUUUUUAAUUUU 20

RESULT 700
 US-09-725-265-13

; Sequence 13, Application US/09725265
 ; Patent No. 6492121
 ; GENERAL INFORMATION:
 ; APPLICANT: KURANE, RYUICHIRO
 ; APPLICANT: KANAGAWA, TAKAHIRO
 ; APPLICANT: KAMAGATA, YOICHI
 ; APPLICANT: YAMADA, KAZUTAKA
 ; APPLICANT: YOKOMAKU, TOYOKAZU
 ; APPLICANT: KOYAMA, OSAMU
 ; APPLICANT: FURUSHO, KENTA
 ; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
 ; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
 ; FILE REFERENCE: 199953US0XDIV
 ; CURRENT APPLICATION NUMBER: US/09/725,265
 ; CURRENT FILING DATE: 2000-11-29
 ; PRIOR APPLICATION NUMBER: US 09/556,127
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: JP 1999-111601
 ; PRIOR FILING DATE: 1999-04-20
 ; NUMBER OF SEQ ID NOS: 70
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 13
 ; LENGTH: 30
 ; TYPE: DNA
 ; ORGANISM: ARTIFICIAL SEQUENCE
 ; FEATURE:
 ; OTHER INFORMATION: SYNTHETIC DNA
 US-09-725-265-13

Query Match 0.4%; Score 14.2; DB 1; Length 30;
 Best Local Similarity 70.4%; Pred. No. 1.2e+03;
 Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3259 AGATATTTTATGCTTGTGCTTTT 3285
 Db 3 ATATATTTTTCCTTTTCTTTT 29

RESULT 701

US-09-556-127-13
 ; Sequence 13, Application US/09556127
 ; Patent No. 6699661
 ; GENERAL INFORMATION:
 ; APPLICANT: KURANE, RYUICHIRO
 ; APPLICANT: KANAGAWA, TAKAHIRO
 ; APPLICANT: KAMAGATA, YOICHI
 ; APPLICANT: YAMADA, KAZUTAKA
 ; APPLICANT: YOKOMAKU, TOYOKAZU
 ; APPLICANT: KOYAMA, OSAMU
 ; APPLICANT: FURUSHO, KENTA

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
 ; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
 ; FILE REFERENCE: 0163-0758-0X
 ; CURRENT APPLICATION NUMBER: US/09/556,127
 ; CURRENT FILING DATE: 2002-06-17
 ; PRIOR APPLICATION NUMBER: JP 1999-111601
 ; PRIOR FILING DATE: 1999-04-20
 ; NUMBER OF SEQ ID NOS: 70
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 13
 ; LENGTH: 30
 ; TYPE: DNA
 ; ORGANISM: ARTIFICIAL SEQUENCE
 ; FEATURE:
 ; OTHER INFORMATION: SYNTHETIC DNA
 US-09-556-127-13

Query Match 0.4%; Score 14.2; DB 1; Length 30;
 Best Local Similarity 70.4%; Pred. No. 1.2e+03;
 Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3259 AGATATTTTATGCTTGTGCTTTT 3285
 Db 3 ATATATTTTTCCTTTTCTTTT 29

RESULT 702

US-09-619-103-2/c
 ; Sequence 2, Application US/09619103
 ; Patent No. 6429300
 ; GENERAL INFORMATION:
 ; APPLICANT: Kurz, Markus
 ; APPLICANT: Lohse, Peter
 ; APPLICANT: Wagner, Richard
 ; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
 ; FILE REFERENCE: 50036/031002
 ; CURRENT APPLICATION NUMBER: US/09/619,103
 ; CURRENT FILING DATE: 2000-07-19
 ; PRIOR APPLICATION NUMBER: 60/145,834
 ; PRIOR FILING DATE: 1999-07-27
 ; NUMBER OF SEQ ID NOS: 26
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 38
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: designed sequence to act as a linker
 US-09-619-103-2

Query Match 0.4%; Score 14.2; DB 1; Length 38;
 Best Local Similarity 62.9%; Pred. No. 1.4e+03;
 Matches 22; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 3307 GCATTTTCTTTAGGAGATTTATTTTGGACTTC 3341
 Db 38 GCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTC 4

RESULT 703

US-08-222-177A-340
 ; Sequence 340, Application US/08222177A
 ; Patent No. 5582979
 ; GENERAL INFORMATION:
 ; APPLICANT: Weber, James L.
 ; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
 ; TITLE OF INVENTION: (dG-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
 ; NUMBER OF SEQUENCES: 460
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: Dewitt Ross & Stevens, S.C.
 ; STREET: 8000 Excelsior Drive, Suite 401
 ; CITY: Madison

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/00282
FILING DATE: 19920110
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SCOTT, WATSON T.
REGISTRATION NUMBER: 26581
REFERENCE/DOCKET NUMBER: 91532-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US92-00282-27

Query Match 0.4%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2832 ATATATATATAA 2845
Db 2 ATATATATATAA 15

RESULT 707
US-08-432-871C-52
Sequence 52, Application US/08432871C
Patent No. 5877010
GENERAL INFORMATION:
APPLICANT: Loeb, Lawrence A.
APPLICANT: Black, Margaret E.
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,871C
FILING DATE: 02-MAY-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.409C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-432-871C-52

Query Match 0.4%; Score 14; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2677 CCCACCTCCAGGC 2690
Db 3 CCCACCTCCAGGC 16
RESULT 708
US-09-270-956-52
Sequence 52, Application US/09270956
Patent No. 6451571
GENERAL INFORMATION:
APPLICANT: Loeb, Lawrence A.
APPLICANT: Black, Margaret E.
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/270,956
FILING DATE: 17-MAR-1999
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 240052.409C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
TELEX: 3723836
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-270-956-52

Query Match 0.4%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2677 CCCACCTCCAGGC 2690
Db 3 CCCACCTCCAGGC 16

RESULT 709
US-09-371-772B-6067
Sequence 6067, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6067
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6067

Query Match 0.4%; Score 14; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 5.9e+02;
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGT 2330
|:|:|:|:|:|:|:
Db 3 CUGUGUGUGUGU 16

RESULT 710
US-08-292-620A-1667
; Sequence 1667, Application US/08292620A
; Patent No. 5837542

; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

two

; INFORMATION FOR SEQ ID NO: 1667:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1667

Query Match 0.4%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1880 AGCTCTTCAAGCTG 1893
||||:||||:
Db 2 AGCUCUUCAGCUG 15

RESULT 711
US-09-071-845-1667
; Sequence 1667, Application US/09071845
; Patent No. 6132967

; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1667:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1667

Query Match 0.4%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 6.4e+02;

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,020A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/623,729
FILING DATE: 14-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H
REGISTRATION NUMBER: 24190
REFERENCE/DOCKET NUMBER: A54435
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-473-020A-9

Query Match 0.4%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3199 GAGCTGGAGGATCC 3212
DB 7 GAGCTGGAGGATCC 20

RESULT 716

US-08-360-606B-27
Sequence 27, Application US/08360606B
Patent No. 5919617
GENERAL INFORMATION:
APPLICANT: Jnanendra K. Bhattacharjee
APPLICANT: Richard C. Garrad
APPLICANT: Paul L. Skatrud
APPLICANT: Robert P. Peery
TITLE OF INVENTION: Methods and Reagents for
TITLE OF INVENTION: Detecting Fungal Pathogens in a
TITLE OF INVENTION: Biological Sample
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 S. Wacker Drive Suite 3200
CITY: Chicago
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word 7.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/360,606B
FILING DATE: December 21, 1994
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Berghoff, Paul H.
REGISTRATION NUMBER: 30,243
REFERENCE/DOCKET NUMBER: 94,319
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)913-0001
TELEFAX: (312)913-0002
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHEICAL: NO
ANTI-SENSE: YES
US-08-360-606B-27

Query Match 0.4%; Score 14; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 8e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATG 1368
DB 1 ATGCAGTTGATGAATK 18

RESULT 717

US-09-490-692-66/c
Sequence 66, Application US/09490692
Patent No. 6180353
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTS-0120
CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-66

Query Match 0.4%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 171 AGATGACGAGACG 184
DB 16 AGATGACGAGACG 3

RESULT 718

US-09-733-294A-86/c
Sequence 86, Application US/09733294A
Patent No. 6492171
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wanciewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-86

Query Match 0.4%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2331

```
Db 20 TGTGTGTGTGTGTG 7
|||||
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd12rs
US-08-222-177A-86

Query Match 0.4%; Score 14; DB 1; Length 39;
Best Local Similarity 60.5%; Pred. No. 1.4e+03;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 608 ACAGTGACGACAGCCCGCCACATCCAGTGGCTCAAGCAC 645
|||||
Db 1 ACACACACACACACACACATACACACACACACACAC 38

RESULT 721
US-08-222-177A-249
; Sequence 249, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 249:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 44 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd69rs
; US-08-222-177A-249

Query Match 0.4%; Score 14; DB 1; Length 44;
Best Local Similarity 60.5%; Pred. No. 1.4e+03;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 608 ACAGTGACGACAGCCCGCCACATCCAGTGGCTCAAGCAC 645
|||||
Db 5 ACACACACACACACACACATACACACACACACACAC 42

Db 20 TGTGTGTGTGTGTG 7
|||||
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd12rs
US-08-222-177A-86

Query Match 0.4%; Score 14; DB 1; Length 39;
Best Local Similarity 60.5%; Pred. No. 1.4e+03;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 608 ACAGTGACGACAGCCCGCCACATCCAGTGGCTCAAGCAC 645
|||||
Db 1 ACACACACACACACACACATACACACACACACACAC 38

RESULT 719
US-09-232-785-359/c
; Sequence 359, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E188US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 359
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Pinus taeda L.
; US-09-232-785-359

Query Match 0.4%; Score 14; DB 1; Length 27;
Best Local Similarity 77.3%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2311 TTGTGTGTGTGTGTGTGTGT 2332
|||||
Db 24 TTGTGTGTGTGTGTGTGTGT 3

RESULT 720
US-08-222-177A-86
; Sequence 86, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 86:
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RESULT 722
US-08-373-124A-1056
; Sequence 1056, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-1056

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 6.8e+02;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 3458 AAGTTTATATATCTA 3474
|| :||:|:|:|:
Db 1 AAUUUAUAUAUAUA 17

RESULT 723
US-08-435-628-1056
; Sequence 1056, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth

; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1056:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-1056

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 6.8e+02;
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 3458 AAGTTTATATATCTA 3474
|| :||:|:|:|:
Db 1 AAUUUAUAUAUAUA 17

RESULT 724
US-08-373-124A-1359/c
; Sequence 1359, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627

/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/373,124A
/ FILING DATE: January 13, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1359:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-373-124A-1359

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1346 CTGAGATGGAGATGATG 1362
DB 17 CTGAGATGGAGGTGAGG 1

RESULT 725
US-08-373-124A-2161/c
; Sequence 2161, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:

/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/373,124A
/ FILING DATE: January 13, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/936,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2161:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-373-124A-2161

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2829 TACATATATATATATAA 2845
DB 17 TACATATATATATAAAAA 1

RESULT 726
US-08-758-306-59
; Sequence 59, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-59

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 2699 TTCCACCCCTGCCCTC 2715
DB 1 UUUCACUCUGCCCCUC 17

RESULT 727
US-08-435-628-1359/c
; Sequence 1359, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32,327

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2161;
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SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-2161

Query Match 0.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2829 TACATATATATATATAA 2845
 DB 17 TACATATATATAAAAA 1

RESULT 729

US-08-985-162-638
 Sequence 638, Application US/08985162
 Patent No. 6057156

GENERAL INFORMATION:
 APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 TITLE OF INVENTION: FACTOR RECEPTORS

NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FASTSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/985,162
 FILING DATE: 04 December 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 638:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-985-162-638

Query Match 0.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 58.8%; Pred. No. 6.8e+02;
 Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1803 CGTCTGCTCTTTGGGG 1819
 DB 1 CAUCAGGUCCUUUGGG 17

RESULT 730

US-09-270-542-195
 Sequence 195, Application US/09270542
 Patent No. 6322976

GENERAL INFORMATION:
 APPLICANT: Altman, Timothy
 APPLICANT: Scott, James
 APPLICANT: Stanton, Lawrence
 TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and
 TITLE OF INVENTION: Therapy
 FILE REFERENCE: 4198/78179
 CURRENT APPLICATION NUMBER: US/09/270,542
 EARLIER FILING DATE: 1999-03-17
 EARLIER APPLICATION NUMBER: 09/221,222
 NUMBER OF SEQ ID NOS: 207

SOFTWARE: Patent in Ver. 2.0

SEQ ID NO 195

LENGTH: 17

TYPE: DNA

ORGANISM: Rattus norvegicus

US-09-270-542-195

Query Match 0.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2575 ACATCAGGGTGGCT 2591

DB 1 ACATCAGGGTGGCT 17

RESULT 731

US-08-584-040-2805/c
 Sequence 2805, Application US/08584040
 Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2805:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2805

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3250 TTCCAGTGAAGATATTT 3266
Db 17 TTCCATTGAAATATTT 1

RESULT 732
US-08-584-040-2845
; Sequence 2845, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2845:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2845

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.8e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 3251 TTCAGTGAAGATATTT 3267
Db 1 UCCAGUGAUAUAUU 17

RESULT 733
US-08-584-040-4205
; Sequence 4205, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4205

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1587 CATGGAGTACTTGGCCT 1603
Db 1 CAUGGAGUUCUUGGCAU 17

RESULT 734
US-08-584-040-4206

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5714:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5714

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1288 GTAGCGGTGAAGATGCT 1304
|:||||:|:|:|:
DB 1 GUAGCGCAAGAUGU 17

RESULT 737

US-08-584-040-5728
Sequence 5728, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5728:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-5728

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1393 AACCTCTGGGCGCTG 1409
|:||||:|:|:|:
DB 1 AACCCUAGGCGCUG 17

RESULT 738

US-08-584-040-5779
Sequence 5779, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5779:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-5779

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1587 CATGGAGTACTTGGCCT 1603
Db 1 CAUGGAGUUCUGGCAU 17

RESULT 739

US-08-584-040-5780
; Sequence 5780, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5780:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1588 ATGGAGTACTTGGCCTC 1604
Db 1 AUGGAGUUCUGGCAUC 17

RESULT 740

US-08-584-040-5795
; Sequence 5795, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5795:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-5795
; Sequence 5797, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5795:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-5795
; Sequence 5797, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5795:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-5795
; Sequence 5797, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTGGGCTGGCCCGG 1696
Db 1 CUUGGAGUUCUGGCGG 17

RESULT 741

US-08-584-040-7597
; Sequence 7597, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1588 ATGGAGTACTTGGCCTC 1604
Db 1 AUGGAGUUCUGGCAUC 17

RESULT 740

;/ TITLE OF INVENTION: GROWTH FACTOR
;/ NUMBER OF SEQUENCES: 8502
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ STREET: Suite 4700
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: Word Perfect 5.1
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/584,040
;/ FILING DATE: January 11, 1996
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 60/005,974
;/ FILING DATE: October 26, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/064
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 7597:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-584-040-7597

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GAAGATGCTGAAGAGCG 1312
Db 1 GAAGAUGUGAAAGAGG 17

RESULT 742
US-09-474-432B-461
; Sequence 461, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28

;/ NUMBER OF SEQ ID NOS: 1526
;/ SOFTWARE: Patentin version 3.0
;/ SEQ ID NO 461
;/ LENGTH: 17
;/ TYPE: RNA
;/ ORGANISM: Homo sapiens
;/ US-09-474-432B-461

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 863 TCGTGGAGCTGACGAG 879
Db 1 UGGUGGAGUCGAGGAG 17

RESULT 743
US-09-474-432B-778
; Sequence 778, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 778
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
;/ US-09-474-432B-778

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1744 CCCGTGAAGTGGATGGC 1760
Db 1 CCCAUCAGUGGAGGCG 17

RESULT 744
US-09-474-432B-779
; Sequence 779, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot

```

; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 779
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-779

```

```

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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QY 1751 AGTGGATGGCGCTGAG 1767
||:|||||
Db 1 AGUGGAUGCGGCGGAG 17

```

```

RESULT 745
US-09-474-432B-817
; Sequence 817, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-817

```

```

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 13 GGGCTGGTCCCTCGGA 29
||:|||||
Db 1 GGGCGGAGGCCGUCUGA 17

```

```

RESULT 746
US-09-474-432B-835
; Sequence 835, Application US/09474432B

```

```

; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 835
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-835

```

```

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.8e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2149 GACCTGCTGCCCCGCGC 2165
|||:|||||
Db 1 GACCUGCAGCCCCCAGC 17

```

```

RESULT 747
US-09-826-630-4
; Sequence 4, Application US/09826630
; Patent No. 6562624
; GENERAL INFORMATION:
; APPLICANT: Adachi, Kiichi
; APPLICANT: Hamer, John
; APPLICANT: Hamer, Liebeth
; TITLE OF INVENTION: Methods and Materials for the Rapid and
; FILE REFERENCE: High Volume Production of a Gene Knock-Out Library in an
; TITLE OF INVENTION: Organism
; FILE REFERENCE: 2004CIP3
; CURRENT APPLICATION NUMBER: US/09/826,630
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/270,620
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-826-630-4

```

```

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY 2095 GGCCAGGACACCCCCAG 2111
|||||
Db 1 GGCCAGGAACTCCAG 17

```

RESULT 748
US-09-371-772B-1329/c
; Sequence 1329, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1329
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1329

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3250 TTCCAGTGAAGATATTT 3266
||||| ||||| |||||
Db 17 TTCCATTGAATATTT 1

RESULT 749
US-09-371-772B-1369
; Sequence 1369, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1369
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1369

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.8e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
QY 3251 TTCCAGTGAAGATATTT 3267
||||| ||||| |||||
Db 1 UCCAGUGAUAUAUU 17

RESULT 750
US-09-371-772B-1972
; Sequence 1972, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1972

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 1587 CATGGAGTACTTGGCCT 1603
||||| :||| :
Db 1 CAUGGAGUUCUUGCAU 17

RESULT 751
US-09-371-772B-1973
; Sequence 1973, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1973
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1973

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 1588 ATGGAGTACTTGGCCTC 1604
||||| :||| :
Db 1 AUGGAGUUCUUGCAUC 17

RESULT 752

```
US-09-371-772B-2010
; Sequence 2010, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2010
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2010

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.8e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1803 CGTCTGGTCTTTGGGG 1819
Db 1 CGUCUGUCUUUGUG 17

RESULT 753
US-09-371-772B-2597
; Sequence 2597, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2597
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2597

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1288 GTAGCCGTGAAGATGCT 1304
Db 1 GUAGCCGUCAGAUGUU 17

RESULT 754
US-09-371-772B-2608
; Sequence 2608, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2608
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2608

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTCCGGCTGCGCCGG 1696
Db 1 CUUCGCGUUGGCCGG 17

RESULT 755
US-09-371-772B-2661
; Sequence 2661, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2661
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2661

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1393 AACCTGCTGGCGCCTG 1409
Db 1 AACCUCCUAGGCGCUG 17

RESULT 756
US-09-371-772B-3391
; Sequence 3391, Application US/09371772B
```

; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3391
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3391

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GAAGATGCTGAAGACG 1312
|||||:|:|:|:|
Db 1 GAAGAUGUGAAGAGG 17

RESULT 757
US-09-371-772B-4731
; Sequence 4731, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4731
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4731

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GAAGATGCTGAAGACG 1312
|||||:|:|:|:|
Db 1 GAAGAUGUGAAGAGG 17

RESULT 758
US-09-371-772B-4885
; Sequence 4885, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4885
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4885

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1950 GATCATGCGGAGTGCT 1966
|||||:|:|:|:|
Db 1 GAUCAUGCUGGACUGCU 17

RESULT 759
US-09-371-772B-6114
; Sequence 6114, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6114
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6114

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 255 CAAGAAGCTGTCGGCG 271
|||||:|:|:|:|
Db 1 CAGGUGCUGCUGGCGG 17

RESULT 760
US-09-371-772B-6733
; Sequence 6733, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1744 CCGTGAAGTGGATGGC 1760
|||:||||:||||
Db 1 CCAUCAAGUGGAGGC 17

RESULT 764

US-09-476-387-778
; Sequence 778, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 778
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-778

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1751 AGTGGATGGCGCCTGAG 1767
|||:||||:||||
Db 1 AGUGGAGGCGCUGGAG 17

RESULT 765

US-09-476-387-816
; Sequence 816, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 816
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-816

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.8e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 13 GGGCTGCTGCCCTCGGA 29
||||:||||:||||
Db 1 GGGCUGGAGCCUCUGA 17

RESULT 766

US-09-476-387-834
; Sequence 834, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 834
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-834

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.8e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2149 GACCTGCTGCCCGGC 2165
||||:||||:||||
Db 1 GACCCUGAGCCCCCAGC 17

RESULT 767

US-09-401-063-638
; Sequence 638, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED

;/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
;/ TITLE OF INVENTION: FACTOR RECEPTORS

;/ NUMBER OF SEQUENCES: 1877
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071-2066

;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq for Windows 2.0
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/401,063
;/ FILING DATE:

;/ CLASSIFICATION:
;/ PRIOR APPLICATION DATA: 08/985,162
;/ FILING DATE: 04 December 1997
;/ APPLICATION NUMBER: 60/036,476
;/ FILING DATE: 31 January 1997
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 230/107
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510

;/ INFORMATION FOR SEQ ID NO: 638:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 17 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-09-401-063-638

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1803 CGTCTGTCCTTTGGGG 1819
| : |||:::||||
Db 1 CAUCAGGUCUUUGGG 17

RESULT 768
US-09-827-998-161/c
; Sequence 161, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 161
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-827-998-161

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3342 AAAGCAAGCTGTATT 3358
| : |||:::||||
Db 17 AATGCAAGCTGTACTT 1

RESULT 769
US-09-827-998-384
; Sequence 384, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 384
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-384

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGCGTG 2337
| : |||:::||||
Db 1 GTGTGTGTGTGAGTG 17

RESULT 770
US-09-827-998-385
; Sequence 385, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 385
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-385

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGCGTGT 2338

Db 1 TGTGTGTTGTGAGTGT 17
 ||||| ||||| ||||| |||||
 RESULT 771
 US-09-827-998-386
 ; Sequence 386, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MdbMORF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 386
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-827-998-386
 Query Match 0.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 2323 GTGTGTGTGTCGCGTGTG 2339
 ||||| ||||| ||||| |||||
 Db 1 GTGTGTGTTGTGAGTGTG 17
 RESULT 772
 US-09-827-998-387
 ; Sequence 387, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MdbMORF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 387
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-827-998-387
 Query Match 0.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 2324 TGTGTGTGTCGCGTGTG 2340
 ||||| ||||| ||||| |||||
 Db 1 TGTGTGTTGTGAGTGTGT 17
 RESULT 773
 US-09-866-108A-2214
 ; Sequence 2214, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 2214
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-2214
 Query Match 0.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 879 GCGGGGCGAGTGTGTATG 895
 ||||| ||||| ||||| |||||
 Db 1 GCGAGGCGAGTGTGGATG 17
 RESULT 774
 US-09-866-108A-2670
 ; Sequence 2670, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 2214
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-2214

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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2670

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2917 CCTGGCGGGCGGTGGG 2933
Db 1 CCTGGCGGGCGGGGG 17

RESULT 775
US-09-866-108A-2776
; Sequence 2776, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2778

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1989 GCCCACCTTCAAGCAGC 2005
Db 1 GCCCACCTTCAAGCAGC 17

RESULT 777
US-09-866-108A-7842
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; Patent No. 6686188
; SEQ ID NO 2776
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2776

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1987 AGCCACCTTCAAGCA 2003
Db 1 AGCCACCTTCAAGCA 17

RESULT 776
US-09-866-108A-2778
; Sequence 2778, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2778

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1989 GCCCACCTTCAAGCAGC 2005
Db 1 GCCCACCTTCAAGCAGC 17

RESULT 777
US-09-866-108A-7842
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; Sequence 7842, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7842
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7842

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1997 TCAAGCAGCTGGTGAG 2013
Db 1 TGAAGCAGCAGCTGGAG 17

RESULT 778
US-09-866-108A-7998
; Sequence 7998, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7998
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7998

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1994 CCTTCAAGCAGCTGGTG 2010
Db 1 CCATCAAGCAGCTGGAG 17

RESULT 779
US-09-866-108A-8001
; Sequence 8001, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

/ SOFTWARE: Aeonica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8001
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8001

Query Match 0.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 6.8e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 1997 TCAAGCAGCTGGTGGAG 2013

|||||

Db 1 TCAAGCAGCTGGAGCAG 17

RESULT 780

/ US-09-866-108A-8087
/ Sequence 8087, Application US/09866108A

/ Patent No. 6686188

/ GENERAL INFORMATION:

/ APPLICANT: GU, Yizhong

/ APPLICANT: JI, Yonggang

/ APPLICANT: PENN, Sharron G.

/ APPLICANT: HANZEL, David K.

/ APPLICANT: RANK, David R.

/ APPLICANT: CHEN, Wensheng

/ APPLICANT: SHANNON, Mark

/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

/ FILE REFERENCE: AEOICA-7

/ CURRENT APPLICATION NUMBER: US/09/866,108A

/ CURRENT FILING DATE: 2001-05-25

/ PRIOR APPLICATION NUMBER: US 60/207,456

/ PRIOR FILING DATE: 2000-05-26

/ PRIOR APPLICATION NUMBER: GB 24263.6

/ PRIOR FILING DATE: 2000-10-04

/ PRIOR APPLICATION NUMBER: US 60/236,359

/ PRIOR FILING DATE: 2000-09-27

/ PRIOR APPLICATION NUMBER: PCT/US01/00666

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00667

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00664

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00669

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00665

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00668

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00663

/ PRIOR FILING DATE: 2001-01-30

/ Remaining Prior Application data removed - See File Wrapper or PALM.

/ NUMBER OF SEQ ID NOS: 15755

/ SOFTWARE: Aeonica Sequence Listing Engine

/ Patent No. 6686188

/ SEQ ID NO 8087

/ LENGTH: 17

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-09-866-108A-8087

Query Match 0.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 6.8e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 853 GAGGAGGAGCTGCTGGA 869

|||||

Db 1 GAGGAGGAGCTGAGGA 17

RESULT 781

US-09-866-108A-8725
/ Sequence 8725, Application US/09866108A

/ Patent No. 6686188

/ GENERAL INFORMATION:

/ APPLICANT: GU, Yizhong

/ APPLICANT: JI, Yonggang

/ APPLICANT: PENN, Sharron G.

/ APPLICANT: HANZEL, David K.

/ APPLICANT: RANK, David R.

/ APPLICANT: CHEN, Wensheng

/ APPLICANT: SHANNON, Mark

/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

/ FILE REFERENCE: AEOICA-7

/ CURRENT APPLICATION NUMBER: US/09/866,108A

/ CURRENT FILING DATE: 2001-05-25

/ PRIOR APPLICATION NUMBER: US 60/207,456

/ PRIOR FILING DATE: 2000-05-26

/ PRIOR APPLICATION NUMBER: GB 24263.6

/ PRIOR FILING DATE: 2000-10-04

/ PRIOR APPLICATION NUMBER: US 60/236,359

/ PRIOR FILING DATE: 2000-09-27

/ PRIOR APPLICATION NUMBER: PCT/US01/00666

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00667

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00664

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00669

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00665

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00668

/ PRIOR FILING DATE: 2001-01-30

/ PRIOR APPLICATION NUMBER: PCT/US01/00663

/ PRIOR FILING DATE: 2001-01-30

/ Remaining Prior Application data removed - See File Wrapper or PALM.

/ NUMBER OF SEQ ID NOS: 15755

/ SOFTWARE: Aeonica Sequence Listing Engine

/ Patent No. 6686188

/ SEQ ID NO 8725

/ LENGTH: 17

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-09-866-108A-8725

Query Match 0.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 6.8e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 2049 CGAGTACCTGGACCTGT 2065

|||||

Db 1 CGAGTACCTGGACACT 17

RESULT 782

US-09-866-108A-8726

/ Sequence 8726, Application US/09866108A

/ Patent No. 6686188

/ GENERAL INFORMATION:

/ APPLICANT: GU, Yizhong

/ APPLICANT: JI, Yonggang

/ APPLICANT: PENN, Sharron G.

/ APPLICANT: HANZEL, David K.

/ APPLICANT: RANK, David R.

/ APPLICANT: CHEN, Wensheng

/ APPLICANT: SHANNON, Mark

/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

/ FILE REFERENCE: AEOICA-7

/ CURRENT APPLICATION NUMBER: US/09/866,108A

/ CURRENT FILING DATE: 2001-05-25

/ PRIOR APPLICATION NUMBER: US 60/207,456

/ PRIOR FILING DATE: 2000-05-26

/ PRIOR APPLICATION NUMBER: GB 24263.6


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RESULT 785
US-09-866-108A-9861/c
; Sequence 9861, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9861
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9861

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 GCGGCCAACACCGTCCG 293
Db 17 GCGGCCAACACCGTCTG 1

RESULT 786
US-09-658-859-3
; Sequence 3, Application US/09658859
; Patent No. 6703200
; GENERAL INFORMATION:
; APPLICANT: Hamer, John
; APPLICANT: Hamer, Lisbeth
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE RAPID AND
; TITLE OF INVENTION: HIGH VOLUME PRODUCTION OF A GENE KNOCK-OUT LIBRARY IN AN
; TITLE OF INVENTION: ORGANISM
; FILE REFERENCE: 2004 CIP
; CURRENT APPLICATION NUMBER: US/09/658,859
; CURRENT FILING DATE: 2000-09-11
; PRIOR FILING DATE: 09/270,620
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 GCGGCCAACACCGTCCG 293
Db 17 GCGGCCAACACCGTCTG 1

RESULT 787
US-09-404-912-197/c
; Sequence 197, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 197
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-197

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTCTGGCTGGCCCGG 1696
Db 17 CTTCTGGCTGGCCCGG 1

RESULT 788
US-09-404-912-565
; Sequence 565, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 565
; LENGTH: 17

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; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-565

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 TGTGTGTCGTCGTGTGT 2342
Db 1 TGTGTGTCGTCGTGTCT 17

RESULT 789
US-07-903-466-6
; Sequence 6, Application US/07903466
; Patent No. 5395767
; GENERAL INFORMATION:
; APPLICANT: Murnane, John P.
; APPLICANT: Painter, Robert B.
; APPLICANT: Kapp, Leon N.
; APPLICANT: Yu, Loh C.
; TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
; TITLE OF INVENTION: Complimentation Group D (ATDC)
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: Stewart Street Tower, 18th Fl., One Market
; STREET: Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: San Francisco
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/903,466
; FILING DATE: 19920622
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: 91-077-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-777-9275
; TELEFAX: 415-543-4219
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: PCR primer
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-903-466-6

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 GGTCAATGGCAGCAAGG 667
Db 2 GGAGAAATGGCACCAGG 18

RESULT 790
US-07-874-334-12
; Sequence 12, Application US/07874334
; Patent No. 5495009
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NAME/KEY: misc difference
LOCATION: replace(15..16, "")
OTHER INFORMATION: /note= "this position indicates a
OTHER INFORMATION: formacetal linker."
FEATURE:
NAME/KEY: misc difference
LOCATION: replace(18, "")
OTHER INFORMATION: /note= "this position is an
OTHER INFORMATION: anthraquinone pseudonucleoside."
US-07-874-334-12

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3269 TTTCCTTTGCTCTTTT 3285
DB 1 TTTCCTTTGCTCTTTT 17

RESULT 791
US-08-063-167A-5/c
Sequence 5, Application US/08063167A
Patent No. 5514788
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodland Falls Corporate Park
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/063,167A
FILING DATE: 19930517
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-063-167A-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2690 CTTTCCCACTTCCACC 2706
DB 18 CTTTCCCACTGCCCCATC 2

RESULT 792
US-08-007-997A-5/c

Sequence 5, Application US/08007997A
Patent No. 5591623
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5591623ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/007,997A
FILING DATE: 19930121
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0709
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-007-997A-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2690 CTTTCCCACTTCCACC 2706
DB 18 CTTTCCCACTGCCCCATC 2

RESULT 793
US-08-261-822A-39/c
Sequence 39, Application US/08261822A
Patent No. 5650553

GENERAL INFORMATION:
APPLICANT: Ecker, Joseph R. et al.
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/261,822A
FILING DATE: 17-JUN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-261-822A-39

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGGCTCCGGCCA 559
Db 18 GCGGTGGCTCCAGCCA 2

RESULT 794
US-08-366-577-7
Sequence 7, Application US/08366577
Patent No. 5728523
GENERAL INFORMATION:
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth W.
TITLE OF INVENTION: POLYMERASE DELTA MUTATIONS IN COLORECTAL
TITLE OF INVENTION: TUMORS WITH REPLICATION ERRORS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/366,577
FILING DATE: 12-DEC-1994
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.48554
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-366-577-7

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 TGCAGCAAGGTGGGCC 673
Db 1 TGTGACGATGTTGGGCC 17

RESULT 795
US-08-470-837-21/C
Sequence 21, Application US/08470837
Patent No. 5800811
GENERAL INFORMATION:
APPLICANT: Nimmi, Marcel E.
APPLICANT: Hall, Frederick L.
APPLICANT: Tuan, Tai-Lan
APPLICANT: Wu, Lingtao
APPLICANT: Cheung, David T.
TITLE OF INVENTION: Transforming Growth Factor B Fusion
TITLE OF INVENTION: and
TITLE OF INVENTION: Their Use in Wound Healing
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 11150 Santa Monica Boulevard, Suite 400
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90025-3395
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,837
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Sharp, Janice A.
REGISTRATION NUMBER: 34,051
REFERENCE/DOCKET NUMBER: 30630-1US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 310-445-1140
TELEFAX: 310-445-9031
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
FEATURE:

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; NAME/KEY: CDS
; LOCATION: 1..18
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 1
US-08-470-837-21

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 18 GTGATGATGATGATGAT 2

RESULT 796
US-08-523-376-6/c
; Sequence 6, Application US/08523376
; Patent No. 5808030
; GENERAL INFORMATION:
; APPLICANT: Tsutomu, FUJIWARA
; APPLICANT: Satoshi, TAKEDA
; APPLICANT: Yoshikazu, SHIMADA
; APPLICANT: Kouichi, OZAKI
; APPLICANT: Sadahito, SIN
; TITLE OF INVENTION: hTFIIIA GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States
; ZIP: 20037-3202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/523,376
; FILING DATE:
; CLASSIFICATION: 536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-523-376-6

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1577 TGGCCCGGGCGCATGGAG 1593
Db 18 TGGCCCTGGCGTTGGAG 2

RESULT 797
US-08-440-740A-5/c
; Sequence 5, Application US/08440740A
; Patent No. 5843738
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
```

```
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,740A
; FILING DATE: May 12, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-440-740A-5

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
Db 18 CTTTCCCACTGCCCATC 2

RESULT 798
US-08-344-155C-5/c
; Sequence 5, Application US/08344155C
; Patent No. 5883082
; GENERAL INFORMATION:
; APPLICANT: Bennett and Stepkowski
; TITLE OF INVENTION: Compositions and Methods for Preventing
; TITLE OF INVENTION: and Treating Allograft Rejection
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
```

ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/344,155C
FILING DATE: No. 5883082ember 23, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05209
FILING DATE: July 23, 1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
FILING DATE: 5/17/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/007,997
FILING DATE: 1/21/93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/939,855
FILING DATE: 9/2/92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/567,286
FILING DATE: 8/14/90
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0098
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-344-155C-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
|||||
Db 18 CTTTCCCACTGCCATC 2

RESULT 799
US-08-912-129A-33/c
Sequence 33, Application US/08912129A
Patent No. 5922533
GENERAL INFORMATION:
APPLICANT: VALLARI, ANADRUZELA S.
APPLICANT: HACKETT, JOHN JR.
APPLICANT: HICKMAN, ROBERT K.
APPLICANT: VARITEK, VINCENT A. JR.
APPLICANT: NECKLAWS, ELIZABETH A.
APPLICANT: GOLDEN, ALAN M.
APPLICANT: BRENNAN, CATHERINE A.
APPLICANT: DEVARA, SUSHIL G.
TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATIO
NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL

COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS (Windows 95)
SOFTWARE: Microsoft Word (ASCII format output)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/912,129A
FILING DATE: 15-AUG-1997
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Dancikers, Andreas M.
REGISTRATION NUMBER: 32,652
REFERENCE/DOCKET NUMBER: 6109.US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847-937-9803
TELEFAX: 847-938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-912-129A-33
Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 202 GACACAGGTGTGCACAC 218
|||||
Db 17 GGCACAGGTGTGCATAC 1
RESULT 800
US-08-819-288-14/c
Sequence 14, Application US/08819288
Patent No. 5955652
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph
APPLICANT: Alonso, Jose
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE
TITLE OF INVENTION: AND PATHOGENS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSES: Woodcock Washburn Kurtz Mackiewicz & No. 5955652ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,288
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: UPN-2949
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 LENGTH: 18 nucleic acids
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 ANTI-SENSE: no
 US-08-819-288-14

Query Match 0.4%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGCTGCCGCCA 559
 DB 18 GCGGTGCTGCCGCCA 2

RESULT 801

US-09-156-979-8/c
 Sequence 8, Application US/09156979
 Patent No. 5962672

GENERAL INFORMATION:
 APPLICANT: Cowsert, Lex M.
 TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION
 FILE REFERENCE: RTS-0013
 CURRENT APPLICATION NUMBER: US/09/156,979
 CURRENT FILING DATE: 1998-09-18
 NUMBER OF SEQ ID NOS: 47

SEQ ID NO 8
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-156-979-8

Query Match 0.4%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 CAAGCAGCTGGTGGAGG 2014
 DB 17 CAAGAAGCTGGTGGTGG 1

RESULT 802

US-09-166-203-4
 Sequence 4, Application US/09166203A
 Patent No. 5968826

GENERAL INFORMATION:
 APPLICANT: Bennett, C. Frank
 APPLICANT: Condon, Tom P.
 APPLICANT: Cowsert, Lex M.
 TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
 FILE REFERENCE: ISPH-0323
 CURRENT APPLICATION NUMBER: US/09/166,203A
 CURRENT FILING DATE: 1998-10-05
 NUMBER OF SEQ ID NOS: 60

SEQ ID NO 4
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: antisense sequence
 US-09-166-203-4

Query Match 0.4%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1965 CTGGATGCCGCGCCT 1981
 DB 2 CTGGATGCCGCGCACT 18

RESULT 803

US-08-810-599-19
 Sequence 19, Application US/08810599
 Patent No. 5976798

GENERAL INFORMATION:
 APPLICANT: PARKER, W. Davis
 APPLICANT: HERRNSTADT, Corinna
 APPLICANT: GHOSH, Soumitra S.
 APPLICANT: FAHY, Eoin
 TITLE OF INVENTION: Methods for Detecting Mitochondrial Mutations
 TITLE OF INVENTION: Diagnostic for Alzheimer's Disease and Methods for Determining
 NUMBER OF SEQUENCES: 82
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Kenyon & Kenyon
 STREET: 1025 Connecticut Avenue, N.W., Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: US
 ZIP: 20036

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.25" Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Wordperfect 6.1 for Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/810,599
 FILING DATE: Concurrent Herewith
 CLASSIFICATION: 436

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/757,438
 FILING DATE: 27 No. 5976798 1996
 APPLICATION NUMBER: US 08/614,072
 FILING DATE: 12 Mar 1996
 APPLICATION NUMBER: US 08/536,036
 FILING DATE: 29 Sep 1995
 APPLICATION NUMBER: US 08/414,969
 FILING DATE: 31 Mar 1995
 APPLICATION NUMBER: US 08/413,740
 FILING DATE: 30 Mar 1995
 APPLICATION NUMBER: US 08/410,658
 FILING DATE: 24 MARCH 1995
 APPLICATION NUMBER: US 08/397,808
 FILING DATE: 3 Mar 1995
 APPLICATION NUMBER: US 08/219,842
 FILING DATE: 30 MARCH 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Toffenetti, Judith L.
 REGISTRATION NUMBER: 39,048
 REFERENCE/DOCKET NUMBER: 2105/17
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-429-1776
 TELEFAX: 202-429-0796

INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 HYPOTHETICAL: NO
 ANTI-SENSE: No
 US-08-810-599-19

Query Match 0.4%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 TCGAGCAGTACTCCCG 2091
 DB 2 TCGAGTAGTACTCCCG 18

RESULT 804

US-08-982-845B-5/c
; Sequence 5, Application US/08982845B
; Patent No. 6015894
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/982,845B
; FILING DATE: December 2, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 21, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0243
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-982-845B-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
| | | | | | | | | | | | | | | | | |
Db 18 CTTTCCCACTGCCATC 2

RESULT 805

US-09-344-520-40/c
; Sequence 40, Application US/09344520

; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION
; FILE REFERENCE: RTS-0070
; CURRENT APPLICATION NUMBER: US/09/344,520
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-520-40

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
| | | | | | | | | | | | | | | | | |
Db 18 GTGTGTGTGTGTGTG 2

RESULT 806

US-09-339-993-33
; Sequence 33, Application US/09339993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-33

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2702 CCACCTGCCCCCTCAGA 2718
| | | | | | | | | | | | | | | | | |
Db 2 CCCCCGCTGCCCTCAGA 18

RESULT 807

US-08-991-525B-5/c
; Sequence 5, Application US/08991525B
; Patent No. 6033811
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/991,525B
FILING DATE: December 16, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 21, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0247
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-991-525B-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
|||||
Db 18 CTTTCCCACTGCCATC 2

RESULT 808
US-09-085-759-5/c
Sequence 5, Application US/09085759
Patent No. 6096722
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett, Christopher Mirabelli,
APPLICANT: Brenda Baker
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion
TITLE OF INVENTION: Molecule-Associated Diseases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/085,759
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167
FILING DATE: May 17, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0311
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-085-759-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
|||||
Db 18 CTTTCCCACTGCCATC 2

RESULT 809
US-09-135-021-73/c
Sequence 73, Application US/09135021A
Patent No. 6150104
GENERAL INFORMATION:
APPLICANT: Splawski, Igor
APPLICANT: Keating, Mark T.
TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
FILE REFERENCE: 2323-128
CURRENT APPLICATION NUMBER: US/09/135,021A
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/874,655
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/094,477
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 73
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(18)
US-09-135-021-73


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Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 969 GCGCAGCCGCCCCCAAGA 985
DB 18 GCGCAGCCGCCCCCCAGA 2

RESULT 810
US-09-487-444-36/c
; Sequence 36, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-36

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2284 GCAGATGGGAGACAC 2300
DB 17 GCAGATGGGAGACAC 1

RESULT 811
US-08-974-549A-445
; Sequence 445, Application US/08974549A
; Patent No. 6166178
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 445:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY:
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCPI.74 primer"
US-08-974-549A-445

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 GCGTCGTGGAGAACAG 474
DB 1 GCGACATGGAGAACAG 17

RESULT 812
US-09-128-496-5/c
; Sequence 5, Application US/09128496
; Patent No. 6169079
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

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COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,496
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 969,151
FILING DATE: February 10, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007,997
FILING DATE: January 20, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 567,286
FILING DATE: August 14, 1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0133
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-128-496-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
DB 18 CTTTCCCACTGCCATC 2

RESULT 813
US-09-071-433-82
Sequence 82, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 82
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-82

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2132 ACTCCGTGTTGCCAC 2148

DB 2 ACTGCCTGTTGCCAC 18
RESULT 814
US-08-795-473B-10
Sequence 10, Application US/08795473B
Patent No. 6217858
GENERAL INFORMATION:
APPLICANT: Galun, Eithan
APPLICANT: Nahot, Orit
APPLICANT: Blum, Herbert E.
TITLE OF INVENTION: A Pharmaceutical Composition for Treating
TITLE OF INVENTION: Hepatitis B Virus (HBV) Infection
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Davidson, Davidson and Kappel, LLC
STREET: 1140 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS-DOS EDITOR
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,473B
FILING DATE: 11-FEB-1997
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Davidson, Clifford M.
REGISTRATION NUMBER: 32,728
REFERENCE/DOCKET NUMBER: 963.1007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)-997-1028
TELEFAX: (212)-997-1037
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
US-08-795-473B-10

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 588 GGAGTTCCACTGCAAGG 604
DB 1 GGATTTCCACTGCATGG 17

RESULT 815
US-09-377-309-4
Sequence 4, Application US/09377309B
Patent No. 6258790
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
SEQ ID NO 4
LENGTH: 18
TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-4
    Query Match          0.4%; Score 13.8; DB 1; Length 18;
    Best Local Similarity 88.2%; Pred. No. 7.4e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1965 CTGGCATGCGCGCCCT 1981
Db 2 CTGGGATGCGCGCACT 18

RESULT 816
US-09-630-706-64/c
; Sequence 64, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-64

    Query Match          0.4%; Score 13.8; DB 1; Length 18;
    Best Local Similarity 88.2%; Pred. No. 7.4e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1621 AGGGACCTGGCTGCCCG 1637
Db 17 AGAAACCTGGCTGCCCG 1

RESULT 817
US-09-009-490A-5/c
; Sequence 5, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Office of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,490A
; FILING DATE: January 20, 1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167

; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-009-490A-5

    Query Match          0.4%; Score 13.8; DB 1; Length 18;
    Best Local Similarity 88.2%; Pred. No. 7.4e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
Db 18 CTTTCCCACTGCCATC 2

RESULT 818
US-09-341-587-9/c
; Sequence 9, Application US/09341587
; Patent No. 6346606
; GENERAL INFORMATION:
; APPLICANT: Mollenhauer, Jan
; TITLE OF INVENTION: Protein Containing an SRCR Domain
; FILE REFERENCE: 4121-108
; CURRENT APPLICATION NUMBER: US/09/341,587
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: PCT/DE98/00096
; EARLIER FILING DATE: 1998-01-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-341-587-9

    Query Match          0.4%; Score 13.8; DB 1; Length 18;
    Best Local Similarity 88.2%; Pred. No. 7.4e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1148 AGCTGCTGCCGACCCC 1164
Db 17 AGCTGCTGCAGACCAC 1

RESULT 819
US-08-868-452-21/c
; Sequence 21, Application US/08868452C
; Patent No. 6352972
; GENERAL INFORMATION:
; APPLICANT: Marcel E. Nimni
```

APPLICANT: Frederick L. Hall
APPLICANT: Lingtao Wu
APPLICANT: Bo Han
APPLICANT: Edwin Shors
TITLE OF INVENTION: BONE MORPHOGENETIC PROTEINS AND THEIR
FILE REFERENCE: 17972-11
CURRENT APPLICATION NUMBER: US/08/868,452C
CURRENT FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 51
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(18)
US-08-868-452-21

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 18 GTGATGATGATGAT 2

RESULT 820
US-09-400-348-14/c
Sequence 14, Application US/09400348
Patent No. 6355778
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph
APPLICANT: Alonso, Jose
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE
TITLE OF INVENTION: AND PATHOGENS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6355778ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/400,348
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/819,288
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: UPN-2949
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleic acids
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: no
US-09-400-348-14

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGCTGCGGCCA 559
Db 18 GCGGTGGCTGCCAGCA 2

RESULT 821
US-09-439-856-10
Sequence 10, Application US/09439856
Patent No. 6410009
GENERAL INFORMATION:
APPLICANT: Galun, Eithan
APPLICANT: Nahot, Orit
APPLICANT: Blum, Herbert E.
TITLE OF INVENTION: A Pharmaceutical Composition for Treating
TITLE OF INVENTION: Hepatitis B Virus (HBV) Infection
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Davidson, Davidson and Kappel, LLC
STREET: 1140 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS-DOS EDITOR
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/439,856
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/795,473
FILING DATE: 11-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Davidson, Clifford M.
REGISTRATION NUMBER: 32,728
REFERENCE/DOCKET NUMBER: 963.1007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)-997-1028
TELEFAX: (212)-997-1037
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
US-09-439-856-10

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 588 GGAGTTCCACTGCAAGG 604
Db 1 GGAATTCACATGCTGG 17

RESULT 822
US-09-387-341-69/c
Sequence 69, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
TITLE OF INVENTION: Expression

```
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; EARLIER FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-69

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 CAAGCAGCTGGTGAGG 2014
Db 17 CAAGAGCTGGTGGTGG 1

RESULT 823
US-09-280-030-8/c
; Sequence 8, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; EARLIER FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a forward oligonucleotide encoding (His)6
US-09-280-030-8

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 18 GTGATGATGATGATGAT 2

RESULT 824
US-09-280-030-9
; Sequence 9, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
```

```
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; EARLIER FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a reverse oligonucleotide encoding (His)6
US-09-280-030-9

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 1 GTGATGATGATGATGAT 17

RESULT 825
US-09-422-978-4878/c
; Sequence 4878, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4878
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18394 for SEQ 944,
US-09-422-978-4878

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 AGCAGCTCACCTTCAAG 1551
Db 17 AGCAGCTCAAGTTCAAG 1

RESULT 826
US-09-422-978-6580/c
; Sequence 6580, Application US/09422978
; Patent No. 6537751
```

```

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6580
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-12595 for SEQ 2646,
US-09-422-978-6580

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2016 CCTGACCGGTGCTCTTA 2032
Db 18 CCTGTACCTGTGCTCTTA 2

RESULT 827
US-09-422-978-7075
; Sequence 7075, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7075
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-23938 for SEQ 3141,
US-09-422-978-7075

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2996 GCACCGCAGTTTGTGTT 3012
Db 1 GCACCGCAGTTTGTGTT 17

RESULT 828

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US-09-422-978-7792
; Sequence 7792, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7792
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3818 for SEQ 3858,
US-09-422-978-7792

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 53 GGCTGCAGGTGCTGAAT 69
Db 1 GGCTTCAGGTGCTGAAT 17

RESULT 829
US-09-402-181B-445
; Sequence 445, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017

```

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;
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REFERENCE/DOCKET NUMBER: 42,271
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 445:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCPl.74 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 445:
US-09-402-181B-445

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 GCGTCGTGGAGAACAG 474
Db 1 GCGACATGGAGAACAG 17

RESULT 830
US-09-721-456-445
; Sequence 445, Application US/09721456
; Patent No. 661710
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/721,456
; FILING DATE: 22-Nov. 661710-2000
; CLASSIFICATION: <Unknown>
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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 445:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCPl.74 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 445:
US-09-721-456-445

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 GCGTCGTGGAGAACAG 474
Db 1 GCGACATGGAGAACAG 17

RESULT 831
PCT-US93-05794-6
; Sequence 6, Application PC/TUS9305794
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
; TITLE OF INVENTION: Complementation Group D (ATDC)
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 177 Post Street, Suite 800
; CITY: San Francisco
; STATE: California
; COUNTRY: San Francisco
; ZIP: 94108-4731
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
PCT-US93-08101-5
Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTCCCAACC 2706
DB 18 CTTTCCCACTGCCCATC 2

RESULT 833
PCT-US95-07744A-39/c
; Sequence 39, Application PC/TUS9507744A
; GENERAL INFORMATION:
; APPLICANT: Trustees of The University of Pennsylvania
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; TITLE OF INVENTION: and Pathogens
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
; STREET: One liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07744A
; FILING DATE: 15-JUNE-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/261,822
; FILING DATE: June 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US95-07744A-39
Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGCTGCCGCCA 559
DB 18 GCGGTGGTGCACGCA 2

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RESULT 834
PCT-US96-00005-7
; Sequence 7, Application PC/TUS9600005
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: POLYMERASE DELTA MUTATIONS IN COLORECTAL
; TITLE OF INVENTION: TUMORS WITH REPLICATION ERRORS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 1001 G Street N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/00005
; FILING DATE: 2-JAN-96
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.53505
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 197430 BMB UT
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US96-00005-7

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 TGGCAGCAGGTGGGCC 673
||| ||| ||| ||| |||
Db 1 TGTGACGATGTGGCC 17

RESULT 835
US-08-105-168B-9/c
; Sequence 9, Application US/08105168B
; Patent No. 5589585
; GENERAL INFORMATION:
; APPLICANT: MABILAT et al.
; TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
; TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DET
; TITLE OF INVENTION: MYCOBACTERIA
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria,
; STATE: Virginia
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" DS/HD
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS 3.1
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; FILING DATE: August 12, 1993
; APPLICATION NUMBER: US/08/105,168B
; CLASSIFICATION: 435
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; OPERATING SYSTEM: MS DOS 3.1
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; FILING DATE: August 12, 1993
; APPLICATION NUMBER: US/08/105,168B
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR9210094
; FILING DATE: August 8, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William P. Berridge
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEFAX: (703) 836-2787
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL:
; ANTI-SENSE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; FEATURE:
; NAME/KEY:
; LOCATION: 733-751
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; US-08-105-168B-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGATGGACAAG 258
||| ||| ||| ||| |||
Db 19 CCGAGCGATGGACAAG 3

RESULT 836
US-08-105-168B-10
; Sequence 10, Application US/08105168B
; Patent No. 5589585
; GENERAL INFORMATION:
; APPLICANT: MABILAT et al.
; TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
; TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DET
; TITLE OF INVENTION: MYCOBACTERIA
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria,
; STATE: Virginia
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" DS/HD
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS 3.1
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; FILING DATE: August 12, 1993
; APPLICATION NUMBER: US/08/105,168B
; CLASSIFICATION: 435
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR9210094
; FILING DATE: August 8, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William P. Berridge
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28835
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEFAX: (703) 836-2787
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL:
; ANTI-SENSE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; FEATURE:
; NAME/KEY:
; LOCATION: 733-751
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
;
US-08-105-168B-10
Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGGATGGACAAG 258
DB 1 CCGAGCGGATGGACAAG 17

RESULT 837
US-08-487-759-1
; Sequence 1, Application US/08487759
; Patent No. 5660989
; GENERAL INFORMATION:
; APPLICANT: Cole, James L.
; APPLICANT: Olsen, David B.
; APPLICANT: Kuo, Lawrence C.
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR
; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ms. Joanne J. Giesser
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,759
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Giesser, Joanne M.
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19393

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908)-594-3046
; TELEFAX: (908)-594-4720
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-08-487-759-1
Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUUAUUUUUAUUU 17

RESULT 838
US-08-698-948-9/c
; Sequence 9, Application US/08698948
; Patent No. 5849901
; GENERAL INFORMATION:
; APPLICANT: MABILAT et al.
; TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
; TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DETE
; TITLE OF INVENTION: MYCOBACTERIA
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria,
; STATE: Virginia
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" DS/HD
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS 3.1
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/698,948
; FILING DATE: August 16, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/105,168
; FILING DATE: August 12, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR9210094
; FILING DATE: August 8, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William P. Berridge
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28835A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEFAX: (703) 836-2787
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL:
; ANTI-SENSE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:

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; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; FEATURE:
; NAME/KEY:
; LOCATION: 733-751
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
US-08-698-948-9

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGGATGGACAAAG 258
Db 19 CCGAGCGGATGGACAAAG 3

RESULT 839
US-08-698-948-10
; Sequence 10, Application US/08698948
; Patent No. 5849901
; GENERAL INFORMATION:
; APPLICANT: MABILAT et al.
; TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
; TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DET
; TITLE OF INVENTION: MYCOBACTERIA
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria,
; STATE: Virginia
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" DS/HD
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS 3.1
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/698,948
; FILING DATE: August 16, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/105,168
; FILING DATE: August 12, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR9210094
; FILING DATE: August 8, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William P. Berridge
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28835A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEFAX: (703) 836-2787
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL:
; ANTI-SENSE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:

; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; FEATURE:
; NAME/KEY:
; LOCATION: 733-751
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
US-08-698-948-10

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGGATGGACAAAG 258
Db 1 CCGAGCGGATGGACAAAG 17

RESULT 840
US-08-117-952-62/c
; Sequence 62, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-62

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 CTGACGAGCGGGCGAGT 888
Db 17 CTGACGAGCGTGCAGT 1

RESULT 841
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US-08-807-104-1
; Sequence 1, Application US/08807104
; Patent No. 5861501
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPTURED SYNTHETIC RNA, ANALOGS, AND
; TITLE OF INVENTION: CAPTURED SYNTHETIC RNA, ANALOGS, AND
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/807,104
; FILING DATE: 04-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YABLONSKY, MICHAEL D
; REGISTRATION NUMBER: 40,407
; REFERENCE/DOCKET NUMBER: 19406DA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-4678
; TELEFAX: 732-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-807-104-1

Query Match 0.4%; Score 13.8; DB 1; Length
Best Local Similarity 23.3%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indel

Qy 3114 GTTTTAATTTTAACTT 3130
|:::|:::|:::|:::|
Db 1 GUUUUUAUUUUUAUUU 17

RESULT 842
US-08-807-104-4
; Sequence 4, Application US/08807104
; Patent No. 5861501
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPTURED SYNTHETIC RNA, ANALOGS, AND

```

```

; TITLE OF INVENTION:  APTAMERS
; NUMBER OF SEQUENCES:  21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  MICHAEL D. YABLONSKY - MERCK & CO., INC.
; STREET:  126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY:  RAYWAY
; STATE:  NJ
; COUNTRY:  USA
; ZIP:  07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  Diskette
; COMPUTER:  IBM Compatible
; OPERATING SYSTEM:  DOS
; SOFTWARE:  FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:  US/08/807,104
; APPLICATION NUMBER:  US/08/807,104
; FILING DATE:  04-FEB-1997
; CLASSIFICATION:  514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:  08/480,068
; FILING DATE:  07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME:  YABLONSKY, MICHAEL D
; REGISTRATION NUMBER:  40,407
; REFERENCE/DOCKET NUMBER:  19406DA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  732-594-4678
; TELEFAX:  732-594-4720
; TELEX:
;
; INFORMATION FOR SEQ ID NO:  4:
; SEQUENCE CHARACTERISTICS:
; LENGTH:  19 base pairs
; TYPE:  nucleic acid
; STRANDEDNESS:  single
; TOPOLOGY:  linear
; MOLECULE TYPE:  Genomic RNA
; FEATURE:
; NAME/KEY:  Modified Base
; LOCATION:  1...1
; OTHER INFORMATION:
; NAME/KEY:  Modified Base
; LOCATION:  1...1
; OTHER INFORMATION:
;
; US-08-807-104-4
;
; Query Match          0.4%; Score 13.8; DB 1; Length
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches  4; Conservative 11; Mismatches  2; Indels  1
;
; Qy      3114 GTTTTAAATTTTAACTT 3130
;         ||::||::||::||::
; Db      1 GUUUUUAUUUUUAAUUU 17
;
; RESULT 843
; US-08-807-104-6
; Sequence 6, Application US/08807104
; Patent No. 5861501
; GENERAL INFORMATION:
; APPLICANT:  BENSELER, FRITZ
; APPLICANT:  COLE, JAMES L.
; APPLICANT:  OLSEN, DAVID B.
; APPLICANT:  KUO, LAWRENCE C.
; TITLE OF INVENTION:  CAPPED SYNTHETIC RNA, ANALOGS, AND
; TITLE OF INVENTION:  APTAMERS
; NUMBER OF SEQUENCES:  21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  MICHAEL D. YABLONSKY - MERCK & CO., INC
; STREET:  126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY:  RAYWAY
; STATE:  NJ
; COUNTRY:  USA
; ZIP:  07065

```


ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:
US-08-807-104-8

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAAATTTTAACTT 3130
|:::|:::|:::|:::
Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 846
US-08-807-104-9
Sequence 9, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:
US-08-807-104-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAAATTTTAACTT 3130
|:::|:::|:::|:::
Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 847
US-08-807-104-10
Sequence 10, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid

QY 3114 GTTTAAATTTTAACTT 3130
 Db 1 GUUUUUUUUUUUUUU 17

RESULT 850
 US-08-807-104-15
 ; Sequence 15, Application US/08807104
 ; Patent No. 5861501
 ; GENERAL INFORMATION:
 ; APPLICANT: BENSELER, FRITZ
 ; APPLICANT: COLE, JAMES L.
 ; APPLICANT: OLSEN, DAVID B.
 ; APPLICANT: Kuo, LAWRENCE C.
 ; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
 ; TITLE OF INVENTION: APTAMERS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
 ; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
 ; CITY: RAHWAY
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/807,104
 ; FILING DATE: 04-FEB-1997
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/480,068
 ; FILING DATE: 07-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: YABLONSKY, MICHAEL D
 ; REGISTRATION NUMBER: 40,407
 ; REFERENCE/DOCKET NUMBER: 19406DA
 ; TELEPHONE: 732-594-4678
 ; TELEFAX: 732-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 15:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic RNA
 ; FEATURE:
 ; NAME/KEY: Modified Base
 ; LOCATION: 1...1
 ; OTHER INFORMATION:
 ; NAME/KEY: Modified Base
 ; LOCATION: 1...1
 ; OTHER INFORMATION:
 ; NAME/KEY: Modified Base
 ; LOCATION: 13...13
 ; OTHER INFORMATION:
 ; US-08-807-104-15

Query Match 0.4%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 23.5%; Pred. No. 7.9e+02;
 Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130
 Db 1 GUUUUUUUUUUUUUU 17

RESULT 851
 US-08-807-104-16
 ; Sequence 16, Application US/08807104
 ; Patent No. 5861501
 ; GENERAL INFORMATION:
 ; APPLICANT: BENSELER, FRITZ
 ; APPLICANT: COLE, JAMES L.
 ; APPLICANT: OLSEN, DAVID B.
 ; APPLICANT: Kuo, LAWRENCE C.
 ; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
 ; TITLE OF INVENTION: APTAMERS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
 ; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
 ; CITY: RAHWAY
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/807,104
 ; FILING DATE: 04-FEB-1997
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/480,068
 ; FILING DATE: 07-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: YABLONSKY, MICHAEL D
 ; REGISTRATION NUMBER: 40,407
 ; REFERENCE/DOCKET NUMBER: 19406DA
 ; TELEPHONE: 732-594-4678
 ; TELEFAX: 732-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic RNA
 ; FEATURE:
 ; NAME/KEY: Modified Base
 ; LOCATION: 1...1
 ; OTHER INFORMATION:
 ; NAME/KEY: Modified Base
 ; LOCATION: 1...1
 ; OTHER INFORMATION:
 ; NAME/KEY: Modified Base
 ; LOCATION: 12...12
 ; OTHER INFORMATION:
 ; US-08-807-104-16

Query Match 0.4%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 23.5%; Pred. No. 7.9e+02;
 Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130
 Db 1 GUUUUUUUUUUUUUU 17

RESULT 852
 US-08-810-599-53
 ; Sequence 53, Application US/08810599
 ; Patent No. 5976798
 ; GENERAL INFORMATION:
 ; APPLICANT: PARKER, W. Davis

Thu Oct 28 12:48:24 2004

```

; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUAAUUUUAAUUU 17

RESULT 855
US-08-480-068-4
; Sequence 4, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-4

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUAAUUUUAAUUU 17

RESULT 856
US-08-480-068-6
; Sequence 6, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046

```

```
/
/ TELEFAX: 908-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 13...13
/ OTHER INFORMATION:
/ US-08-480-068-6
/
/ Query Match 0.4%; Score 13.8; DB 1; Length 19;
/ Best Local Similarity 23.5%; Pred. No. 7.9e+02;
/ Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 3114 GTTTAAATTTTAACTT 3130
/ Db 1 GUUUUUUUUUUAAUUT 17
/
/ RESULT 857
/ US-08-480-068-7
/ Sequence 7, Application US/08480069
/ Patent No. 6111095
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/480,068
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: GIESSEY, JOANNE M
/ REGISTRATION NUMBER: 32,838
/ REFERENCE/DOCKET NUMBER: 19406
/ TELEPHONE: 908-594-3046
/ TELEFAX: 908-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
```

```
/
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 13...13
/ OTHER INFORMATION:
/ US-08-480-068-7
/
/ Query Match 0.4%; Score 13.8; DB 1; Length 19;
/ Best Local Similarity 23.5%; Pred. No. 7.9e+02;
/ Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 3114 GTTTAAATTTTAACTT 3130
/ Db 1 GUUUUUUUUUUAAUUT 17
/
/ RESULT 858
/ US-08-480-068-8
/ Sequence 8, Application US/08480068
/ Patent No. 6111095
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/480,068
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: GIESSEY, JOANNE M
/ REGISTRATION NUMBER: 32,838
/ REFERENCE/DOCKET NUMBER: 19406
/ TELEPHONE: 908-594-3046
/ TELEFAX: 908-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
```

;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: Genomic RNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
;; FEATURE:
;; NAME/KEY: Modified Base
;; LOCATION: 1...1
;; OTHER INFORMATION:
;; NAME/KEY: Modified Base
;; LOCATION: 1...1
;; OTHER INFORMATION:
;; NAME/KEY: Modified Base
;; LOCATION: 6...6
;; OTHER INFORMATION:
;; US-08-480-068-8

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

Oy 3114 GTTTTAATTTTAACTT 3130
Db 1 GUUUUUUUUUUAUU 17

RESULT 859
US-08-480-068-9
; Sequence 9, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA

;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
;; FEATURE:
;; NAME/KEY: Modified Base
;; LOCATION: 1...1
;; OTHER INFORMATION:
;; NAME/KEY: Modified Base
;; LOCATION: 1...1
;; OTHER INFORMATION:
;; NAME/KEY: Modified Base
;; LOCATION: 6...6
;; OTHER INFORMATION:
;; US-08-480-068-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

Oy 3114 GTTTTAATTTTAACTT 3130
Db 1 GUUUUUUUUUUAUU 17

RESULT 860
US-08-480-068-10
; Sequence 10, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:

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; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 19...19
; OTHER INFORMATION:
; US-08-480-068-10

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUUAUUUUAAUUU 17

RESULT 861
US-08-480-068-13
; Sequence 13, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
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; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-13

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUUAUUUUAAUUU 17

RESULT 862
US-08-480-068-14
; Sequence 14, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 2...2
; OTHER INFORMATION:
; US-08-480-068-14
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Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

Qy	3114	GTTTAAATTTTAACTT	3130
		::: ::: :::	
Db	1	GUUUUUAUUUUUAUU	17

RESULT 863
US-08-480-068-15
; Sequence 15, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
;

		Matches	4;	Conservative	11;	Mismatches	2;	Indels	0;	Gaps	0;
Qy	3114	GTTTAAATTTTAACTT 3130									
Dd	1	GUUUUUAUUUUAAUU 17									

RESULT 864
 US-08-480-068-16
 ; Sequence 16, Application US/08480068
 ; Patent No. 6111095
 ; GENERAL INFORMATION:
 ; APPLICANT: BENSELER, FRITZ
 ; APPLICANT: COLE, JAMES L.
 ; APPLICANT: COLESEN, DAVID B.
 ; APPLICANT: KUO, LAWRENCE C.
 ; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
 ; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
 ; CITY: RAHWAY
 ; STATE: NJ
 ; COUNTRY: US
 ; ZIP: 07065-0907
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/480,068
 ; FILING DATE: 07-JUN-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: GIESSER, JOANNE M.
 ; REGISTRATION NUMBER: 32,838
 ; REFERENCE/DOCKET NUMBER: 19406
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 908-594-3046
 ; TELEFAX: 908-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic RNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; FRAGMENT TYPE:
 ; ORIGINAL SOURCE:
 ; FEATURE:
 ; NAME/KEY: Modified Base
 ; LOCATION: 1...1
 ; OTHER INFORMATION:
 ; NAME/KEY: Modified Base
 ; LOCATION: 1...1
 ; OTHER INFORMATION:
 ; NAME/KEY: Modified Base
 ; LOCATION: 12...12
 ; OTHER INFORMATION:
 ; US-08-480-068-16

Qy 3114 GTTTAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 868

US-08-973-137-4
; Sequence 4, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
US-08-973-137-4

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 869

US-08-973-137-6
; Sequence 6, Application US/08973137

; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
US-08-973-137-6

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 870

US-08-973-137-7
; Sequence 7, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ


```

; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
;
; US-08-973-137-7
;
; Query Match 0.4%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
;
; QY 3114 GTTTTAATTTTAACTT 3130
; Db 1 GUUUUUUUUUUAAUUU 17
;
; RESULT 871
; US-08-973-137-8
; Sequence 8, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:

```

```

; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 6...6
; OTHER INFORMATION:
;
; US-08-973-137-8
;
; Query Match 0.4%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
;
; QY 3114 GTTTTAATTTTAACTT 3130
; Db 1 GUUUUUUUUUUAAUUU 17
;
; RESULT 872
; US-08-973-137-9
; Sequence 9, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US

ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:

FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:

US-08-973-137-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;

Best Local Similarity 23.5%; Pred. No. 7.9e+02;

Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUU 17

RESULT 873

US-08-973-137-10

Sequence 10, Application US/08973137
Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELY, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 19...19

OTHER INFORMATION:

US-08-973-137-10

Query Match 0.4%; Score 13.8; DB 1; Length 19;

Best Local Similarity 23.5%; Pred. No. 7.9e+02;

Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUU 17

RESULT 874

US-08-973-137-13

Sequence 13, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELY, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-973-137-15

Query Match 0.4%; Score 13.8; DB 1; Length 19;

Best Local Similarity 23.5%; Pred. No. 7.9e+02;

Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUU 17

RESULT 877

US-08-973-137-16

Sequence 16, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973,137

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSER, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

US-08-973-137-16

Query Match 0.4%; Score 13.8; DB 1; Length 19;

Best Local Similarity 23.5%; Pred. No. 7.9e+02;

Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUU 17

RESULT 878

US-09-302-681-49

Sequence 49, Application US/09302681

Patent No. 6441149

GENERAL INFORMATION:

APPLICANT: HerrinStadt, Corrina

APPLICANT: Ghosh, Soumitra S.

APPLICANT: Clevenger, William

APPLICANT: Fahy, Eoin F.

APPLICANT: Davis, Robert E.

TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON

FILE REFERENCE: 660088.416C1

CURRENT APPLICATION NUMBER: US/09/302,681

CURRENT FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 108

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 49

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome

OTHER INFORMATION: c oxidase encoding mitochondrial DNA

US-09-302-681-49

Query Match 0.4%;

Best Local Similarity 88.2%; Pred. No. 7.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1932 CACACGACCTGTACA 1948

Db 2 CACACACCACTGTCCA 18

RESULT 879

US-09-302-681-50
; Sequence 50, Application US/09302681
; Patent No. 6441149
; GENERAL INFORMATION:
; APPLICANT: Herznstadt, Cortina
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Clevenger, William
; APPLICANT: Fahy, Eoin F.
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON
; FILE REFERENCE: 660088.416C1
; CURRENT APPLICATION NUMBER: US/09/302,681
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 50
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome
; OTHER INFORMATION: c oxidase encoding mitochondrial DNA
US-09-302-681-50

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1932 CACACGACCTGTACA 1948
DB 3 CACACGACCTGTCCA 19
|||||

RESULT 880

US-09-018-125-9/c
; Sequence 9, Application US/09018125A
; Patent No. 6468983
; GENERAL INFORMATION:
; APPLICANT: Silverman, Robert H.
; APPLICANT: Kondo, Seiji
; APPLICANT: Cowell, John K.
; APPLICANT: Li, Guiying
; APPLICANT: Torrence, Paul F.
; TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 8656-022
; CURRENT APPLICATION NUMBER: US/09/018,125A
; CURRENT FILING DATE: 1999-02-03
; EARLIER APPLICATION NUMBER: 60/044,507
; EARLIER FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-018-125-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2558 TGCCTTTGCACCGGG 2574
DB 18 TGCATTTCACCCCGG 2
|||||

RESULT 881

US-09-475-947A-217

; Sequence 217, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 217
; LENGTH: 19
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-217

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2832 ATATATATATATAACAT 2848
DB 1 ATATATATATATATAT 17
|||||

RESULT 882

US-09-136-080E-12
; Sequence 12, Application US/09136080E
; Patent No. 6518017
; GENERAL INFORMATION:
; APPLICANT: Riley, Timothy A.
; APPLICANT: Brown, Bob D.
; APPLICANT: Arnold, Lyle J.
; TITLE OF INVENTION: COMBINATORIAL ANTISENSE LIBRARY
; FILE REFERENCE: OASBIO.003A
; CURRENT APPLICATION NUMBER: US/09/136,080E
; CURRENT FILING DATE: 1998-08-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)...(15); (16)...(16)
; OTHER INFORMATION: Glen research spacer 9 (cat # 10-1909-90) between c 15 and g 16
US-09-136-080E-12

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 70.6%; Pred. No. 7.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1434 GCTGGTGGAGTACGGG 1450
DB 1 GCUUGUAGUACUCGG 17
|||

RESULT 883

US-09-136-080E-26
; Sequence 26, Application US/09136080E
; Patent No. 6518017
; GENERAL INFORMATION:
; APPLICANT: Riley, Timothy A.
; APPLICANT: Brown, Bob D.
; APPLICANT: Arnold, Lyle J.
; TITLE OF INVENTION: COMBINATORIAL ANTISENSE LIBRARY
; FILE REFERENCE: OASBIO.003A
; CURRENT APPLICATION NUMBER: US/09/136,080E
; CURRENT FILING DATE: 1998-08-18

; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)...(15); (16)...(16)
; OTHER INFORMATION: Glen research spacer 9 (cat # 10-1909-90) between c 15 and g 16
US-09-136-080E-26

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 70.6%; Pred. No. 7.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1434 GCTGTGGAGTACGCG 1450
||:|:|:|:|:|:|:|:|:|
DB 1 GCUGGUGAGUACUGG 17

RESULT 884
US-09-422-978-4380/c
; Sequence 4380, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4380
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-1480 for SEQ 446,
US-09-422-978-4380

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2751 CTTTACCTTTTATGCAA 2767
||:|:|:|:|:|:|:|:|:|
DB 17 CTATACCTTTTGTGCAA 1

RESULT 885
US-09-422-978-4817/c
; Sequence 4817, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4817
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-17989 for SEQ 883,
US-09-422-978-4817

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 887 GTGTGTATCGAGCATC 903
||:|:|:|:|:|:|:|:|:|
DB 19 GTGTGTATGTAGTCATC 3

RESULT 886
US-09-422-978-5699/c
; Sequence 5699, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5699
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-6193 for SEQ 1765,
US-09-422-978-5699

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1347 TGAGATGGAGATGATGA 1363
||:|:|:|:|:|:|:|:|:|
DB 17 TGAGATGAAGATGAAGA 1

RESULT 887
US-09-422-978-6340/c
; Sequence 6340, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI

```
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6340
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-10843 for SEQ 2406,
US-09-422-978-6340

Query Match          0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3449 AGATGTTACAGCTTTAT 3465
DB 18 AGATGTAACAGGTTTAT 2

RESULT 888
US-09-672-717-3
; Sequence 3, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-3

Query Match          0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 CATATATATATAACA 2847
DB 1 CAGATATATATGTAACA 17

RESULT 889
US-09-696-791-335
; Sequence 335, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1836
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1836

; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-335

Query Match          0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1880 AGCTCTTCAAGCTGCTG 1896
DB 3 ACCTCTTCAGCTGCTG 19

RESULT 890
US-09-696-791-348
; Sequence 348, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 348
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-348

Query Match          0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1675 GCAGACTTCGGCTGCG 1691
DB 2 GCTGACTTCGGCTGCG 18

RESULT 891
US-09-696-791-1836
; Sequence 1836, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1836
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1836
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Query Match 0.4%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1830 GGAGATCTTCACGCTGG 1846
 DB 2 GGAGGTCTTCCGCTGG 18

RESULT 892
 US-09-696-791-1837
 ; Sequence 1837, Application US/09696791
 ; Patent No. 6770633
 ; GENERAL INFORMATION:
 ; APPLICANT: Robbins, Joan M.
 ; APPLICANT: Tritz, Richard
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
 ; TITLE OF INVENTION: SKIN AND EYE DISEASES
 ; FILE REFERENCE: 480124.407
 ; CURRENT APPLICATION NUMBER: US/09/696,791
 ; NUMBER OF SEQ ID NOS: 4523
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1837
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: Cyclin D1 ribozyme binding site
 US-09-696-791-1837

Query Match 0.4%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1830 GGAGATCTTCACGCTGG 1846
 DB 1 GGAGGTCTTCCGCTGG 17

RESULT 893
 US-09-696-791-2124/c
 ; Sequence 2124, Application US/09696791
 ; Patent No. 6770633
 ; GENERAL INFORMATION:
 ; APPLICANT: Robbins, Joan M.
 ; APPLICANT: Tritz, Richard
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
 ; TITLE OF INVENTION: SKIN AND EYE DISEASES
 ; FILE REFERENCE: 480124.407
 ; CURRENT APPLICATION NUMBER: US/09/696,791
 ; CURRENT FILING DATE: 2000-10-25
 ; NUMBER OF SEQ ID NOS: 4523
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2124
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: Cyclin E ribozyme binding site
 US-09-696-791-2124

Query Match 0.4%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3490 GAGTTTTTACAGATCT 3506
 DB 17 GAGTTTTTACAGATTT 1

RESULT 894
 US-09-696-791-2313/c

; Sequence 2313, Application US/09696791
 ; Patent No. 6770633
 ; GENERAL INFORMATION:
 ; APPLICANT: Robbins, Joan M.
 ; APPLICANT: Tritz, Richard
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
 ; TITLE OF INVENTION: SKIN AND EYE DISEASES
 ; FILE REFERENCE: 480124.407
 ; CURRENT APPLICATION NUMBER: US/09/696,791
 ; CURRENT FILING DATE: 2000-10-25
 ; NUMBER OF SEQ ID NOS: 4523
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2313
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: Cyclin E ribozyme binding site
 US-09-696-791-2313

Query Match 0.4%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2869 GGTACACGGAGGCGCTG 2885
 DB 19 GGTACACGGAGGCCAG 3

RESULT 895
 PCT-US96-08320-1
 ; Sequence 1, Application PC/TUS9608320
 ; GENERAL INFORMATION:
 ; APPLICANT: Cole, James L.
 ; APPLICANT: Olsen, David B.
 ; APPLICANT: Kuo, Lawrence C.
 ; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR
 ; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE
 ; NUMBER OF SEQUENCES: 5
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Ms. Joanne J. Gieser
 ; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907
 ; CITY: Rahway
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07065
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US96/08320
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Gieser, Joanne M.
 ; REGISTRATION NUMBER: 32,838
 ; REFERENCE/DOCKET NUMBER: 19393 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (908)-594-3046
 ; TELEFAX: (908)-594-4720
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 PCT-US96-08320-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;

Best Local Similarity 23.5%; Pred. No. 7.9e+02; Indels 0; Gaps 0;
Matches 4; Conservative 11; Mismatches 2;

QY 3114 GTTTTAAATTTTAACTT 3130
Db 1 GUUUUUUUUUUUUUU 17

RESULT 896
PCT-US96-08330-1
; Sequence 1, Application PC/TUS9608330
; GENERAL INFORMATION:
; APPLICANT: MERCK & CO., INC.
; APPLICANT: Cole, James L.
; APPLICANT: Olsen, David B.
; APPLICANT: Kuo, Lawrence C.
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ms. Joanne J. Giesser
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08330
; FILING DATE:

CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Giesser, Joanne M.
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19398 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908)-594-3046
; TELEFAX: (908)-594-4720
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US96-08330-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02; Indels 0; Gaps 0;
Matches 4; Conservative 11; Mismatches 2;

QY 3114 GTTTTAAATTTTAACTT 3130
Db 1 GUUUUUUUUUUUUUU 17

RESULT 897
US-08-621-914A-2
; Sequence 2, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK

STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741

INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-2

Query Match 0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 7;

QY 3262 TATTTTATTTGCTTTCCTTTTC 3286
Db 2 TTTTTCCTTTTTCCTTTTCCTTTTC 26

RESULT 898
US-08-873-437-2
; Sequence 2, Application US/08873437
; Patent No. 6124092
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesa, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94404

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,437
; FILING DATE: 12-JUN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/027,832
; FILING DATE: 04-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:

```
/ TELEPHONE: 415-638-6245
/ TELEFAX: 415-638-6071
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-873-437-2
/
Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTC 3286
Db 2 TTTTTCCTTTTTCCTTTTCCTTTTC 26

RESULT 899
US-09-522-217-39
/ Sequence 39, Application US/09522217
/ Patent No. 6307024
/ GENERAL INFORMATION:
/ APPLICANT: No. 6307024ak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/09/522,217
/ PRIOR FILING DATE: 2000-03-09
/ EARLIER FILING DATE: 1999-03-09
/ EARLIER FILING DATE: 1999-03-09
/ EARLIER FILING DATE: 1999-03-11
/ EARLIER FILING DATE: 1999-03-11
/ EARLIER FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FastSEQ for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer ZC7764b
/
/ US-09-522-217-39
/
Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTC 3286
Db 2 TTTTTCCTTTTTCCTTTTCCTTTTC 26

RESULT 900
US-09-593-312-2
/ Sequence 2, Application US/09593312
/ Patent No. 6514699
/ GENERAL INFORMATION:
/ APPLICANT: O'Neill, Roger A.
/ APPLICANT: Chen, Jer-Kang
/ APPLICANT: Chiesia, Claudia
/ APPLICANT: Fry, George
/
/ TITLE OF INVENTION: Multiplex Polynucleotide Capture
```

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/ TITLE OF INVENTION: Methods and Compositions
/ NUMBER OF SEQUENCES: 50
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: PE Applied Biosystems
/ STREET: 850 Lincoln Centre Drive
/ CITY: Foster City
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94404
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSEQ for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/593,312
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/873,437
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Borthner, Scott R.
/ REGISTRATION NUMBER: 34,298
/ REFERENCE/DOCKET NUMBER: 4294
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-638-6245
/ TELEFAX: 415-638-6071
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-09-593-312-2
/
Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTC 3286
Db 2 TTTTTCCTTTTTCCTTTTCCTTTTC 26

RESULT 901
US-09-923-246-39
/ Sequence 39, Application US/09923246
/ Patent No. 6605272
/ GENERAL INFORMATION:
/ APPLICANT: No. 6605272ak, Julia E.
/ APPLICANT: Presnell, Scott R.
/ APPLICANT: Sprecher, Cindy A.
/ APPLICANT: Foster, Donald C.
/ APPLICANT: Holly, Richard D.
/ APPLICANT: Gross, Jane A.
/ APPLICANT: Johnston, Janet V.
/ APPLICANT: Nelson, Andrew J.
/ APPLICANT: Dillon, Stacey R.
/ APPLICANT: Hammond, Angela K.
/
/ TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
/ FILE REFERENCE: 99-16
/ CURRENT APPLICATION NUMBER: US/09/923,246
/ CURRENT FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
/ PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
/ PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
/ PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
/ NUMBER OF SEQ ID NOS: 115
/ SOFTWARE: FastSEQ for Windows Version 3.0
/ SEQ ID NO 39
/ LENGTH: 26
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-923-246-39

Query Match      0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTGCTCTTTTC 3286
Db 2 TTTTCTTTTCTTTTCTTTTCTTTTC 26

RESULT 902
US-09-658-077-1
; Sequence 1, Application US/09658077
; Patent No. 6627748
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingyue
; APPLICANT: et al.
; TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And
; FILE OF INVENTION: Their Applications For Multiplex Genetic Analyses
; FILE REFERENCE: 0575/62238/JFW/ADM
; CURRENT FILING DATE: 2000-09-11
; CURRENT APPLICATION NUMBER: US/09/658,077
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: scaffold
US-09-658-077-1

Query Match      0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTGCTCTTTTC 3286
Db 2 TTTTCTTTTCTTTTCTTTTCTTTTC 26

RESULT 903
US-10-295-723-39
; Sequence 39, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01

; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39

Query Match      0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTGCTCTTTTC 3286
Db 2 TTTTCTTTTCTTTTCTTTTCTTTTC 26

RESULT 904
US-09-648-040-4/c
; Sequence 4, Application US/09648040
; Patent No. 6436665
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE OF INVENTION: TRANSLATED PROTEINS
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/09/648,040
; CURRENT FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/151,261
; PRIOR FILING DATE: 1999-08-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-09-648-040-4

Query Match      0.4%; Score 13.8; DB 1; Length 30;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3260 GATATTTATTGCTTGTGCTCTTTTC 3285
Db 30 GCTTTTCTTTTCTTTTCTTTTCTTTTC 5

RESULT 905
US-09-244-794A-12
; Sequence 12, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
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Query Match	Best Local Similarity	Score	DB 1	Length	DB 2	Length	DB 3	Length
Query Match	Best Local Similarity	Score	DB 1	Length	DB 2	Length	DB 3	Length
Matches 21; Conservative	0.4%;	63.6%;	0;	12;	Indels	0;	Gaps	0;
QY	1362	GAAGATGATCGGAAACACAAACATCATCAA	1394					
DB	2	GAGGACGACUCGAAAAAAAAAAAAAAAAAAAAA	34					
RESULT 906	US-09-244-794A-13	Sequence 13, Application US/09244794A						
Patent No. 6214553	GENERAL INFORMATION:	APPLICANT: Szostak, Jack W.						
APPLICANT: Roberts, Richard W.	APPLICANT: Liu, Rihe	TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN						
FILE REFERENCE: 00786/350006	CURRENT APPLICATION NUMBER: US/09/244,794A	PRIOR FILING DATE: 1999-02-05						
PRIOR APPLICATION NUMBER: 60/035,963	PRIOR FILING DATE: 1997-01-27	PRIOR APPLICATION NUMBER: 60/064,491						
PRIOR FILING DATE: 1997-11-06	PRIOR APPLICATION NUMBER: 09/007,005	PRIOR FILING DATE: 1998-01-14						
NUMBER OF SEQ ID NOS: 33	SOFTWARE: FastSeq for Windows Version 4.0	SEQ ID NO 13						
LENGTH: 42	TYPE: RNA	ORGANISM: Artificial Sequence						
FEATURE:	OTHER INFORMATION: Translation template	US-09-244-794A-13						
Query Match	Best Local Similarity	Score	DB 1	Length	DB 2	Length	DB 3	Length
Matches 21; Conservative	0.4%;	63.6%;	0;	12;	Indels	0;	Gaps	0;
QY	1362	GAAGATGATCGGAAACACAAACATCATCAA	1394					
DB	2	GAGGACGACUCGAAAAAAAAAAAAAAAAAAAAA	34					
RESULT 907	US-09-247-190-12	Sequence 12, Application US/09247190						
Patent No. 6261804	GENERAL INFORMATION:	APPLICANT: Szostak, Jack W.						
APPLICANT: Roberts, Richard W.	APPLICANT: Liu, Rihe	TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN						
FILE REFERENCE: 00786/350005	CURRENT APPLICATION NUMBER: US/09/247,190	CURRENT FILING DATE: 1999-02-09						
EARLIER APPLICATION NUMBER: 60/035,963	EARLIER FILING DATE: 1997-01-21	EARLIER APPLICATION NUMBER: 60/064,491						

CLASSIFICATION: 435
PRIOR APPLICATION DATA: GB 9110549.4
FILING DATE: 15-MAY-1991
PRIOR APPLICATION DATA: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA: PCT/GB91/01134
FILING DATE: 10-JUL-1991
PRIOR APPLICATION DATA: PCT/GB92/00883
FILING DATE: 15-MAY-1992
PRIOR APPLICATION DATA: PCT/GB93/00605
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA: US 08/150,002
FILING DATE: 31-MAR-1994
PRIOR APPLICATION DATA: US 08/307,619
FILING DATE: 16-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32372
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-350-260A-58

Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
DB 20 GACTCCACCGAGCTCCAGCTC 1

RESULT 915
US-09-050-783-12/c
Sequence 12, Application US/09050783
Patent No. 6140471
GENERAL INFORMATION:
APPLICANT: Johnson, Kevin S
APPLICANT: Winter, Gregory P
APPLICANT: Griffiths, Andrew D
APPLICANT: Smith, Andrew JH
APPLICANT: Waterhouse, P
TITLE OF INVENTION: Methods for producing members of specific
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050,783
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA: US 08/307,619
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA: PCT/GB93/00605
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA: PCT/GB92/00883
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32238
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-050-783-12

Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
DB 20 GACTCCACCGAGCTCCAGCTC 1

RESULT 916
US-09-104-337A-58/c
Sequence 58, Application US/09104337A
Patent No. 6492160
GENERAL INFORMATION:
APPLICANT: Winter, Gregory Paul
Griffiths, Andrew David
Williams, Samuel Cameron
Waterhouse, Peter
Nissim, Ahuva
Johnson, Kevin Stuart
Smith, Andrew John Hammond
TITLE OF INVENTION: Methods for producing members of specific
binding pairs
NUMBER OF SEQUENCES: 600
CORRESPONDENCE ADDRESS:
ADDRESSEE: Audrey L. Bartnicki
STREET: Marshall, Gerstein & Borun
6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/104,337A
FILING DATE: 25-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/350,260
FILING DATE: 05-DEC-1994
APPLICATION NUMBER: GB 9110549.4
FILING DATE: 15-MAY-1991
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992

/ APPLICATION NUMBER: PCT/GB92/00883
/ FILING DATE: 15-MAY-1992
/ APPLICATION NUMBER: PCT/GB93/00605
/ FILING DATE: 24-MAR-1993
/ APPLICATION NUMBER: US 08/150,002
/ FILING DATE: 31-MAR-1994
/ APPLICATION NUMBER: US 08/307,619
/ FILING DATE: 16-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bartnicki, Audrey L.
/ REGISTRATION NUMBER: 40,499
/ REFERENCE/DOCKET NUMBER: 28111/32372A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-474-6300
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-104-337A-58

Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
DB 20 GACTCCACCGCTGCACCTC 1

RESULT 917

US-10-067-443-35/c
/ Sequence 35, Application US/10067443
/ Patent No. 6642041

/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company

/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED
/ TITLE OF INVENTION: SPINAL CORD, MP-1
/ FILE REFERENCE: D0073 NP

/ CURRENT APPLICATION NUMBER: US/10/067,443
/ CURRENT FILING DATE: 2002-02-05

/ PRIOR APPLICATION NUMBER: US 60/266,518
/ PRIOR FILING DATE: 2001-02-05

/ PRIOR APPLICATION NUMBER: US 60/282,814
/ PRIOR FILING DATE: 2001-04-10

/ NUMBER OF SEQ ID NOS: 71
/ SOFTWARE: PatentIn version 3.0

/ SEQ ID NO 35

/ LENGTH: 23

/ TYPE: DNA

/ ORGANISM: Homo sapiens

US-10-067-443-35

Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
DB 20 GACTCCACCGCTGCACCTC 1

RESULT 918

US-10-153-064-35/c

/ Sequence 35, Application US/10153064
/ Patent No. 6663485

/ GENERAL INFORMATION:
/ APPLICANT: Bell et al.

/ TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
/ FILE REFERENCE: PF556

/ CURRENT APPLICATION NUMBER: US/10/153,064

/ CURRENT FILING DATE: 2002-05-24
/ PRIOR APPLICATION NUMBER: 60/293,212
/ PRIOR FILING DATE: 2001-05-25
/ NUMBER OF SEQ ID NOS: 137
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Degenerate VH forward primer useful for
/ OTHER INFORMATION: amplifying human VH domains
US-10-153-064-35

Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
DB 20 GACTCCACCGCTGCACCTC 1

RESULT 919

US-09-244-794A-8/c

/ Sequence 8, Application US/09244794A
/ Patent No. 6214553

/ GENERAL INFORMATION:
/ APPLICANT: Szostak, Jack W.

/ APPLICANT: Roberts, Richard W.

/ APPLICANT: Liu, Rihe

/ TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
/ TITLE OF INVENTION: FUSIONS

/ FILE REFERENCE: 00786/350006
/ CURRENT APPLICATION NUMBER: US/09/244,794A

/ CURRENT FILING DATE: 1999-02-05
/ PRIOR APPLICATION NUMBER: 60/035,963

/ PRIOR FILING DATE: 1997-01-27
/ PRIOR APPLICATION NUMBER: 60/064,491

/ PRIOR FILING DATE: 1997-11-06
/ PRIOR APPLICATION NUMBER: 09/007,005

/ PRIOR FILING DATE: 1998-01-14
/ NUMBER OF SEQ ID NOS: 33

/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 8

/ LENGTH: 29

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Translation template

US-09-244-794A-8

Query Match 0.4%; Score 13.6; DB 1; Length 29;
Best Local Similarity 67.9%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3307 GGATTTTCTTTAGGAGATTATTTT 3334
DB 29 GCTTTTTTTTTTTTTTTTTTTTTT 2

RESULT 920

US-09-007-005-8/c

/ Sequence 8, Application US/09007005B
/ Patent No. 6258558

/ GENERAL INFORMATION:
/ APPLICANT: Szostak, Jack W.

/ APPLICANT: Roberts, Richard W.

/ APPLICANT: Liu, Rihe

/ TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
/ TITLE OF INVENTION: FUSIONS

/ FILE REFERENCE: 00786/350003
/ CURRENT APPLICATION NUMBER: US/09/007,005B

Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Gaps
Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Gaps
Matches 19;	Conservative 0;	Mismatches 9;					
3307	GGATTTCCTTTAGGAGATTATTTT	3334					
29	GGTTTTTTTTTTTTTTTTTTTTTTTT	2					
RESULT 921	US-09-247-190-8/c						
Sequence 8, Application US/09247190							
Patent No. 6261804							
GENERAL INFORMATION:							
APPLICANT: Szostak, Jack W.							
APPLICANT: Roberts, Richard W.							
APPLICANT: Liu, Rihe							
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN							
FILE REFERENCE: 00786/350005							
CURRENT APPLICATION NUMBER: US/09/247,190							
CURRENT FILING DATE: 1999-02-09							
EARLIER APPLICATION NUMBER: 60/035,963							
EARLIER FILING DATE: 1997-01-21							
EARLIER APPLICATION NUMBER: 60/064,491							
EARLIER FILING DATE: 1997-11-06							
EARLIER APPLICATION NUMBER: 09/007,005							
EARLIER FILING DATE: 1998-01-14							
NUMBER OF SEQ ID NOS: 38							
SOFTWARE: FastSeq for Windows Version 4.0							
SEQ ID NO 8							
LENGTH: 29							
TYPE: DNA							
ORGANISM: Artificial Sequence							
FEATURE:							
OTHER INFORMATION: Translation template							
US-09-247-190-8							
Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Gaps
Matches 19;	Conservative 0;	Mismatches 9;					
3307	GGATTTCCTTTAGGAGATTATTTT	3334					
29	GGTTTTTTTTTTTTTTTTTTTTTTTT	2					
RESULT 922	US-09-244-796-8/c						
Sequence 8, Application US/09244796							
Patent No. 6281344							
GENERAL INFORMATION:							
APPLICANT: Szostak, Jack W.							
APPLICANT: Roberts, Richard W.							
APPLICANT: Liu, Rihe							
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN							
FILE REFERENCE: 00786/350007							

```

; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for
US-09-282-734-3

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Query Match          0.4%; Score 13.6; DB 1; Length 29;
Best Local Similarity 67.9%; Pred. NO. 1.3e+03;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
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RESULT 925
US-09-061-026-26
; Sequence 26, Application US/09061026
; Patent No. 6077934
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olivera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 755 Thirtieth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061.026

PRIORITY: 0
 APPLICATION NUMBER: US 60/068,737
 FILING DATE: 24-DEC-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ihnen, Jeffrey L.
 REGISTRATION NUMBER: 28,957
 REFERENCE/DOCKET NUMBER: 2314-133
 TELEPHONE: 202-783-6040
 TELEFAX: 202-783-6031
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 33 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "primer"
 US-09-061-026-26

Db 1 GGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 28

RESULT 925
US-09-466-138-26
; Sequence 26, Application US/09466138
; Patent No. 6153738
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olivera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:

Query Match	0.4%;	Score 13.6;	DB 1;	Length 33;
Best Local Similarity	67.9%;	Pred. No. 1.4e+03;		
Matches 19:	Conservative	0;	Mismatches 9;	Indels 0;
				Gaps 0;

RESULT 927
US-09-462-5698-4
; Sequence 4, Application US/09462569B
; Patent No. 6392124
; GENERAL INFORMATION:
; APPLICANT: PONZ ASCASO, Fernando
; APPLICANT: TORRES PASCUAL, Vicente
; APPLICANT: SANCHEZ SANCHEZ, Florentina
; APPLICANT: MARTINEZ HERRERA, David
; TITLE OF INVENTION: INFECTIOUS VECTORS AND CLONES OF PLANTS DERIVED FROM
; TITLE OF INVENTION: THE TURNIP MOSAIC VIRUS (TMV)
; FILE REFERENCE: P/613-110
; CURRENT APPLICATION NUMBER: US/09/462.569B

US-08-439-996-4
; Sequence 4, Application US/08439996
; Patent No. 6057093
; GENERAL INFORMATION:
; APPLICANT: Han, Jang H
; TITLE OF INVENTION: Methods and Compositions for Controlling
; TITLE OF INVENTION: Translation of HCV Proteins
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield, and Sacks P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,996
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,895A
; FILING DATE:
; APPLICATION NUMBER: US 08/128,583
; FILING DATE: 28-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-439-996-4

Query Match 0.4%; Score 13.6; DB 1; Length 40;
Best Local Similarity 61.1%; Pred. No. 1.5e+03;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;
QY 3299 TTCTATAGAGATTTCTTTTACGAGATTTATTTT 3334
Db 1 TTTTATTTTATTTTATTTTATTTTATTTTATTTT 36

RESULT 931
US-08-222-177A-370
; Sequence 370, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (GC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DeWitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 370:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 43 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd117fs
US-08-222-177A-370

Query Match 0.4%; Score 13.6; DB 1; Length 43;
Best Local Similarity 61.1%; Pred. No. 1.5e+03;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;
QY 597 CTGCAAGGTGTACAGTGACGACACAGCCACATCCA 632
Db 2 CAGCAACATACACACACACACACACACACACACACA 37

RESULT 932
US-09-475-947A-83/c
; Sequence 83, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 83
; LENGTH: 15
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-83

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3461 TTTATATATATCTAT 3475
Db 15 TTTATATATATATAT 1

RESULT 933
PCT-US92-00282-27/c
; Sequence 27, Application PC/TUS9200282
; GENERAL INFORMATION:

APPLICANT: OWENS, IDA S.
APPLICANT: RITTER, JOSEPH K.
TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
STREET: 1615 L STREET, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20036-5601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/00282
FILING DATE: 19920110
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SCOTT, WATSON T.
REGISTRATION NUMBER: 26581
REFERENCE/DOCKET NUMBER: 91532-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US92-00282-27

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATA 3476
|||||
Db 15 TTATATATATATA 1

RESULT 934
US-08-153-051B-52
Sequence 52, Application US/08153051B
Patent No. 5645986
GENERAL INFORMATION:
APPLICANT: Michael D. West
APPLICANT: Jerry W. Shay
APPLICANT: Woodring B. Wright
APPLICANT: Elizabeth Blackburn
APPLICANT: Nam Woo Kim
APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Catherine Strahl
APPLICANT: Michael J. McEachern
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/153,051B
FILING DATE: No. 5645986ember 12, 1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 204/195
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-153-051B-52

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327
|||||
Db 1 TGGTCTGTGTGTGTG 15

RESULT 935
US-08-291-932A-378
Sequence 378, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466

```

; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 378:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-378

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2107 CCCAGCTCCAGTCC 2121
Db 1 CCCAGCTCCAGTCC 15

RESULT 936
US-08-060-952C-51
; Sequence 51, Application US/08060952C
; Patent No. 5695932
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/060,952C
; FILING DATE: May 13, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 51:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-060-952C-51

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-060-952C-51

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTGTGTGTGTGTG 2327
Db 1 TGGTGTGTGTGTGTG 15

RESULT 937
US-08-363-240A-58/c
; Sequence 58, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-58

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 648 GGAGGTGAATGGCAG 662
Db 15 GGAGGTGAATGGCAG 1

```

RESULT 938
US-08-363-240A-575/c
; Sequence 575, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Page, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: December 23, 1994
; APPLICATION NUMBER: 32,327
; FILING DATE: December 23, 1994
; APPLICATION NUMBER: 210/096
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-575

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 648 GGAGGTGAATGGCAG 662
DB 15 GGAGGTCAATGGCAG 1

RESULT 939
US-08-311-486C-174/c
; Sequence 174, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-174
Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1206 CCTTGGGGAGGGCTG 1220
DB 15 CCATGGGGAGGGCTG 1

RESULT 940
US-08-151-477A-52
; Sequence 52, Application US/08151477A
; Patent No. 5830644
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine Strahl
; APPLICANT: Michael J. McEachern
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO TELEOMERE
; TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/151,477A
 FILING DATE: No. 5830844ember 12, 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/038,766
 FILING DATE: March 24, 1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 202/189
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 52:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-151-477A-52

Query Match 0.4%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 6.4e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327
 DB 1 TGGTGTGTGTGTGTG 15

RESULT 941
 US-08-819-867-79
 Sequence 79, Application US/08819867
 Patent No. 6007989
 GENERAL INFORMATION:
 APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Meeachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim
 APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/819,867
 FILING DATE: March 14, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/153,051
 FILING DATE: No. 6007989ember 12, 1993
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Chambers, Daniel M.
 REGISTRATION NUMBER: 34,561
 REFERENCE/DOCKET NUMBER: 224/232
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 79:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-819-867-79

Query Match 0.4%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 6.4e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327
 DB 1 TGGTGTGTGTGTGTG 15

RESULT 942
 US-08-584-040-8461
 Sequence 8461, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:


```

; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8461:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8461

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Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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QY 1610 AGTGCATCCACAGG 1624
DB 1 AGUGUAUCCACAGG 15

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```

RESULT 943
US-08-464-011B-51
; Sequence 51, Application US/08464011B
; Patent No. 6368789
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Jerry W. Shay
; Woodring E. Wright

```

```

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
RELATED TO TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

```

```

NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,011B
FILING DATE: 05-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/045
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 51:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-08-464-011B-51

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```

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2313 TCGTCTGTGTGTGTG 2327
DB 1 TGGTGTGTGTGTGTG 15

```

```

RESULT 944
US-09-378-535-79
; Sequence 79, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri

```

```

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TELOMERE LENGTH AND/OR
TELOMERASE ACTIVITY

```

```

NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/819,867
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 79:

```

US-09-378-535-79

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327
|||||
Db 1 TGGTGTGTGTGTGTG 15

RESULT 945

US-09-371-772B-4116
; Sequence 4116, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4116
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4116

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1610 AGTGCATCCACAGGG 1624
|||:|:|:|:|:|:|
Db 1 AGUGUAUCCACAGGG 15

RESULT 946

5194376-8/c
; Patent No. 5194376
; APPLICANT: KANG, C. YONG
; TITLE OF INVENTION: BACULOVIRUS EXPRESSION SYSTEM CAPABLE
; OF PRODUCING FOREIGN GENE PROTEINS AT HIGH LEVELS
; NUMBER OF SEQUENCES: 15
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/316,768
; FILING DATE: 28-FEB-1989
; SEQ ID NO: 8
; LENGTH: 15
5194376-8

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3652 TTGCTTGCTGCAGG 3666
|||||
Db 15 TTGCATGCCTGCAGG 1

RESULT 947

US-07-977-284A-22
; Sequence 22, Application US/07977284A

; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark..
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-22

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2977 AGGACCGGGCTTTT 2991
|||||
Db 1 ATGACCGGGCTTTT 15

RESULT 948
US-08-256-426B-22
; Sequence 22, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor

```
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-08-256-426B-22

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2977 AGGACCGAGGCTTTT 2991
DB 1 ATGACCGAGGCTTTT 15

RESULT 949
US-09-829-855-17/c
; Sequence 17, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-17

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2447 GCTGCAGCACCAGG 2461
DB 15 GCTGCAGCACCAGG 15

RESULT 951
US-09-479-005A-282
; Sequence 282, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 282
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-479-005A-282

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 53.3%; Pred. No. 7.1e+02;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2811 CTTGTATATGTTAT 2825
DB 1 CUGGUAUUGGUU 15

RESULT 952
US-08-152-313-18/c
; Sequence 18, Application US/08152313
```

Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; NUMBER OF INVENTIONS: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
US-08-152-313-18

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2296 ACAGTACACAGGC 2310
DB 15 ACAGTACACAGGC 1

RESULT 953
US-08-222-616-1
; Sequence 1, Application US/08222616
; Patent No. 5635177
; GENERAL INFORMATION:
; APPLICANT: Bennett, Brian D.
; APPLICANT: Goeddel, David
; APPLICANT: Lee, James M.
; APPLICANT: Matthews, William
; APPLICANT: Teai, Siao Ping
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,616
; FILING DATE: 4-APR-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00586
; FILING DATE: 22-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/826935
; FILING DATE: 22-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER: 821P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-222-616-1

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1613 GCATCCACAGGACCT 1628
DB 2 GCATCCACAGGACCT 17

RESULT 954
US-08-373-124A-1058/c
; Sequence 1058, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994

```
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1058:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1058

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2833 TATATATATATAACA 2847
DB 15 TATATATATATAAAA 1

RESULT 955
US-08-373-124A-1691
; Sequence 1691, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1691:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1691

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2224 GGGTCCCTAGCAGCC 2238
DB 1 GGGUCCCUUGCAGCC 15

RESULT 956
US-08-579-223-18/c
; Sequence 18, Application US/08579223
; Patent No. 5726019
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; TITLE OF INVENTION: ANALYSIS OF SPUTUM
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/579,223
; FILING DATE: 28-DEC-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-579-223-18

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2296 ACAGCTACACAGC 2310
DB 1 ACAGCTACACAGC 2310
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CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1691:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1691

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2224 GGGTCCCTAGCAGCC 2238
DB 1 GGGUCCCUUGCAGCC 15

RESULT 960
US-08-292-620A-1715
Sequence 1715, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1715:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1715

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCACCT 2684
DB 2 ACCACUCCACCU 16

RESULT 961
US-08-292-620A-1824
Sequence 1824, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1824:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1824

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892
Db 3 GRAGUCUUCAGGU 17

RESULT 962
US-08-292-620A-1862
; Sequence 1862, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; PRIOR APPLICATION DATA: described below:

```

two

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; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1862:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1862

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1132 AATGTCCTCGAGCTC 1146
Db 2 AAUGUCUCGAGGUC 16

RESULT 963
US-08-292-620A-1918
; Sequence 1918, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

two


```

; REFERENCE/DOCKET NUMBER: 208/149
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 1918:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-2992-620A.1918

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Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels

Qy	2670	ACGGCTCCCCACCT	2684
		: :	
Db	2	ACCACUCCCCACCU	16

```

RESULT 964
US-08-292-620A-1952
; Sequence 1952, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVEL
; TITLE OF INVENTION: INTRACELLULAR ACTION
; TITLE OF INVENTION: MOLECULAR 1 (1-C)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
;

```

```

; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1952

Query Match          0.4%   Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7,7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels

QY      2670  ACCGCTCTCCCACT 2684
          ||| ||| ||| |||
Db       2  ACCACCTCCCACT 16

```

RESULT 965
US-08-292-620A-2007
; Sequence 2007, Application US/08292620A
; Patent No. 5837542

Query Match 0.48; Score 13.4; DB 1; Length 17;

Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

RESULT 966
US-08-292-620A-2009
; Sequence 2009, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISORDERS OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2009:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-2009

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

RESULT 967
US-08-173-489C-96/c
; Sequence 96, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from superoxide
; DESCRIPTION: dismutase sequence region in Seq ID No. 586124495
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 96 :FROM 1 TO 17
US-08-173-489C-96

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2932 GGGGGGGCTGGAGGG 2946
Db 16 GGGGGGGGGGAGGG 2

RESULT 968
US-08-985-090-20
; Sequence 20, Application US/08985090
; Patent No. 5885893
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl
; TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2932 GGGGGGGCTGGAGGG 2946
Db 16 GGGGGGGGGGAGGG 2

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/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,090
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jean M. Silveri
/ REGISTRATION NUMBER: 39,030
/ REFERENCE/DOCKET NUMBER: MNI-032
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-08-985-090-20

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3659 CCTGCAGGGCCCATGG 3673
Db 1 CCTGCAGGGCCCATGG 15

RESULT 969
US-09-165-543-21
; Sequence 21, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSES: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/165,543
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/042,780
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Elizabeth A. Hanley
/ REGISTRATION NUMBER: 33,505
/ REFERENCE/DOCKET NUMBER: MNI-032CP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617)227-7400
/ TELEFAX: (617)742-4214
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/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-09-165-543-21

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3659 CCTGCAGGGCCCATGG 3673
Db 1 CCTGCAGGGCCCATGG 15

RESULT 970
US-09-071-845-1715
; Sequence 1715, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: Storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1715:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
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US-09-071-845-1715

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCACCT 2684
|||:|||||:
Db 2 ACCACGCCACCU 16

RESULT 971

US-09-071-845-1824
; Sequence 1824, Application US/09071845
; Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
SUITE: Suite 4700

CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071,845
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1824:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-09-071-845-1824

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCT 1892

Db

|||:|||||:
3 GAAGCUCUCCAAGCU 17

RESULT 972

US-09-071-845-1862
; Sequence 1862, Application US/09071845
; Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
SUITE: Suite 4700

CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071,845
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1862:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-09-071-845-1862

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1132 AATGTCGAGCTC 1146
|||:|||||:
Db 2 AAUGUCUCCGAGC 16

RESULT 973

US-09-071-845-1918
; Sequence 1918, Application US/09071845

; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1918:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1918

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCCCACCT 2684
DB 2 ACCACUCCCCACCU 16

RESULT 974
US-09-071-845-1952
; Sequence 1952, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:

; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1952:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1952

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCCCACCT 2684
DB 2 ACCACUCCCCACCU 16

RESULT 975
US-09-071-845-2007
; Sequence 2007, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:

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/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/
/ INFORMATION FOR SEQ ID NO: 2007:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-09-071-845-2007

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Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 1878 GGAGCTCTTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

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RESULT 976
US-09-071-845-2009
/ Sequence 2009, Application US/09071845
/ Patent No. 6132967
/
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwigen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066

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/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/
/ INFORMATION FOR SEQ ID NO: 2009:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-09-071-845-2009

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Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 1878 GGAGCTCTTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

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RESULT 977
US-08-446-648-1
/ Sequence 1, Application US/08446648
/ Patent No. 6331302
/
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ APPLICANT: Bennett, Brian D.
/ APPLICANT: Goeddel, David
/ APPLICANT: Lee, James M.
/ APPLICANT: Matthews, William
/ APPLICANT: Tsai, Siao Ping
/ APPLICANT: Wood, William I.
/
/ TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
/ NUMBER OF SEQUENCES: 45
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 460 Point San Bruno Blvd
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WinPatIn (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/446,648
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:

```

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; APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0821P3PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-446-648-1

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1613 GCATCCACGGACCT 1628
Db 2 GGATCCACAGGACCT 17

RESULT 978
US-08-584-040-4209
; Sequence 4209, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 4209:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-446-648-1

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1613 GCATCCACGGACCT 1628
Db 2 GGATCCACAGGACCT 17

RESULT 979
US-08-584-040-5561
; Sequence 5561, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 5561:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5561

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 622 CCCCATCCATGG 636
Db 1 |||||:||||:|
```

```

Db      1  CACCACAUCGAGUGG 15

RESULT 980
US-08-584-040-7350/c
; Sequence 7350, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7350

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1031 TCAAGCGACAGGTGT 1045
Db      15 TCACGGCAGAGGTGT 1

RESULT 981
US-08-584-040-7396/c
; Sequence 7396, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7396:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7396

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3553 ATAGCCTTGACTGCT 3567
Db      17 ATAGCCTTGACTGCT 3

RESULT 982
US-09-809-713-3
; Sequence 3, Application US/09809713
; Patent No. 6428964
; GENERAL INFORMATION:
; APPLICANT: Shuber, Anthony
; TITLE OF INVENTION: Method For Alteration Detection
; FILE REFERENCE: EXT-047
; CURRENT APPLICATION NUMBER: US/09/809,713
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: probe upstream of the 1450 point mutation region
; US-09-809-713-3

Query Match      0.4%; Score 13.4; DB 1; Length 17;

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Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 856 GAGGAGCTGGTGGAG 870
|||||:|||||
Db 3 GAGGAGTGTGGAG 17

RESULT 983
US-09-370-644B-21
; Sequence 21, Application US/09370644B
; Patent No. 6433253
; GENERAL INFORMATION:
; APPLICANT: Kosmann et al.
; TITLE OF INVENTION: DEBRANCHING ENZYMES AND DNA SEQUENCES CODING THEM,
; TITLE OF INVENTION: SUITABLE FOR CHANGING THE DEGREE OF BRANCHING OF
; TITLE OF INVENTION: AMYLOPECTIN STARCH IN PLANTS
; FILE REFERENCE: 514413-3771
; CURRENT APPLICATION NUMBER: US/09/370,644B
; CURRENT FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 08/596,257
; PRIOR FILING DATE: 1996-04-18
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Solanum tuberosum
US-09-370-644B-21

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1748 TGAAGTGGATGGCGC 1762
:|||||:|||||
Db 3 UCAAGUGGAGGCGC 17

RESULT 984
US-09-474-432B-649
; Sequence 649, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 649
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-649

Query Match 0.4%; Score 13.4; DB 1; Length 17;

Best Local Similarity 73.3%; Pred. No. 7.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1585 GGCATGGAGTACTTG 1599
|||||:|||||
Db 1 GGCAUGGAGCACUUG 15

RESULT 985
US-09-474-432B-736
; Sequence 736, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 736
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-736

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 858 GGAGCTGTGGAGCC 872
|||||:|||||
Db 2 GGAGCUGGAGGAGCC 16

RESULT 986
US-09-371-772B-1976
; Sequence 1976, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1976
; LENGTH: 17

; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1976

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGG 1623
|||:| |:|||
Db 3 AAGUGAUCCACAGG 17

RESULT 987

US-09-371-772B-2451
; Sequence 2451, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2451
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2451

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 622 CCCACATCCAGTGG 636
|:|:|:|:|:|:|
Db 1 CACCACAUCCAGUGG 15

RESULT 988

US-09-371-772B-3159/c
; Sequence 3159, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3159
; LENGTH: 17
; TYPE: RNA

; ORGANISM: Mus sp.
US-09-371-772B-3159

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TCAAGCGACAGGTGT 1045
|||:| |:|||
Db 15 TCACGCGACAGGTGT 1

RESULT 989

US-09-371-772B-3204/c
; Sequence 3204, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3204
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3204

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3553 ATAGCCTTGACTGCT 3567
|||:| |:|||
Db 17 ATAGCCTTGACTGCT 3

RESULT 990

US-09-371-772B-6200/c
; Sequence 6200, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6200
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-371-772B-6200

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2997 CACCGCAGTTTCTT 3011
|||:|||||
Db 15 CACCACAGTTTGT 1

RESULT 991

US-09-476-387-648
; Sequence 648, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo

; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 648
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-476-387-648
Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 7.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1585 GGCATGGAGTACTTG 1599
|||:|||||
Db 1 GGCAUGGAGCACUUG 15

RESULT 992

US-09-476-387-735
; Sequence 735, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo

; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 735
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-735

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 858 GGAGCTGTGGAGGC 872
|||:|||||
Db 2 GGAGCUGGUGAGCC 16

RESULT 993

US-09-982-610-1
; Sequence 1, Application US/09982610
; Patent No. 6673343
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; Bennett, Brian D.
; Goeddel, David
; Lee, James M.
; Matthews, William
; Tsai, Siao Ping
; Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/982,610
FILING DATE: 17-Oct-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/446,648
FILING DATE: 1996-MAY-23
APPLICATION NUMBER: 08/222616
FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P0821P3PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-982-610-1

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1613 GCATCCACAGGACCT 1628
DB 2 GGATCCACAGGACCT 17

RESULT 994

US-09-866-108A-1536
; Sequence 1536, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1536
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1536

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GGGCTGGTGCCCTCG 27
DB 3 GGGCTGGTGCCCTCG 17

RESULT 995

US-09-866-108A-1537
; Sequence 1537, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1537
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1537

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GGGCTGGTGCCCTCG 27
DB 2 GGGCTGGTGCCCTCG 16

RESULT 996

US-09-866-108A-1538
; Sequence 1538, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1538
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1538

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GGGCTGGTGCCTCG 27
Db      1 GGGCTGGTGCCTCG 15

RESULT 997
US-09-866-108A-2001/c
; Sequence 2001, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2001
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2004
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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2001

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3195 CCCGAGCTGGAGGA 3209
Db      17 CCCGGGCTGGAGGA 3

RESULT 998
US-09-866-108A-2004/c
; Sequence 2004, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2004
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2004

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1488 GCCCGGGGCTGGA 1502
Db      17 GCCCGGGGCTGGA 3

RESULT 999
US-09-866-108A-2007/c
; Sequence 2007, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
```

```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2007

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1487 GGCCCCCGGCGCTGG 1501
Db 15 GGCCCCCGGCGCTGG 1

RESULT 1000
US-09-866-108A-2777
; Sequence 2777, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2007
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2777
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2777

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1989 GCCCACCTTCACGA 2003
Db 2 GCCCACCTTCACGA 16

RESULT 1001
US-09-866-108A-2779
; Sequence 2779, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2779
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2779

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1991 CCACCTTCAAGCAGC 2005
    |||||
Db 2 CCACCTTCAAGCACC 16

RESULT 1002
US-09-866-108A-2780
; Sequence 2780, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2780
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2780

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1991 CCACCTTCAAGCAGC 2005
    |||||
Db 1 CCACCTTCAAGCACC 15

RESULT 1003
US-09-866-108A-6253/c
; Sequence 6253, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2780
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2780

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1991 CCACCTTCAAGCAGC 2005
    |||||
Db 1 CCACCTTCAAGCACC 15

RESULT 1004
US-09-866-108A-6254/c
; Sequence 6254, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6253
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6253

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 CCGGGCCTGGACTA 1505
    |||||
Db 17 CCGGGCCTGGATA 3

RESULT 1004
US-09-866-108A-6254/c
; Sequence 6254, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6253
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6253
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6254
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6254

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 CCGGGCCCTGGACTA 1505
|||||
Db 16 CCGGGCCCTGGATA 2

RESULT 1005
US-09-866-108A-6255/C
; Sequence 6255, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188

; SEQ ID NO 6255
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6255

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 CCGGGCCCTGGACTA 1505
|||||
Db 15 CCGGGCCCTGGATA 1

RESULT 1006
US-09-866-108A-7843
; Sequence 7843, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7843
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7843

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1999 AAGCAGCTGGTGGAG 2013
|||||
Db 2 AAGCAGCAGGTGGAG 16

RESULT 1007
US-09-866-108A-7844
; Sequence 7844, Application US/09866108A


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; Patent No. 6686188
; SEQ ID NO 9862
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9862

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 GCCGCCCAACCGTC 291
Db 16 GCCGCCCAACCGTC 2

RESULT 1010
US-09-866-108A-9863/c
; Sequence 9863, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9863
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9863

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 GCCGCCCAACCGTC 291
Db 15 GCCGCCCAACCGTC 1

RESULT 1011
US-09-404-912-564
```

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; Sequence 564, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 564
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-564

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGT 2332
Db 1 TGTGTGTGTGTGTGT 15

RESULT 1012
US-09-772-813A-6/c
; Sequence 6, Application US/09772813A
; Patent No. 6775622
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; TITLE OF INVENTION: A METHOD AND SYSTEM FOR DETECTING NEAR
; FILE REFERENCE: 99-61
; CURRENT APPLICATION NUMBER: US/09/772,813A
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/179,309
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Illustrative nucleotide sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n = an unlimited number of any nucleotide
US-09-772-813A-6

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
Db 16 GATGATGAAGATGAT 2

RESULT 1013
PCT-US94-12947A-18/c
; Sequence 18, Application PC/TUS9412947A
; GENERAL INFORMATION:
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; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
PCT-US94-12947A-18

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```

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2296 ACAGCTACACAGAGC 2310
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Db 15 ACAGCTACACAGGCG 1

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RESULT 1014
PCT-US95-04228-1
; Sequence 1, Application PC/TUS9504228
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Bennett, Brian D.
; APPLICANT: Goeddel, David
; APPLICANT: Lee, James M.
; APPLICANT: Matthews, William
; APPLICANT: Tsai, Siao Ping
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04228
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Wendy M. Lee
; REGISTRATION NUMBER: 00,000
; REFERENCE/DOCKET NUMBER: 821P3PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US95-04228-1

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1613 GCATCCACAGGACCT 1628
    |||||
Db 2 GGATCCACAGNGACCT 17

RESULT 1015
US-08-105-483-197/c
; Sequence 197, Application US/08105483
; Patent No. 5494807
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESS: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/105,483
; FILING DATE: 12-AUG-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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[illegible]

US-08-317-431A-8

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 939 GGTGTCGGCGCTGT 953
DB 2 GGCGGTGGCGCTGT 16

RESULT 1020
US-08-413-118-78/c
; Sequence 78, Application US/08413118
; Patent No. 5688920
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/413,118
; FILING DATE: 29-MAR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/220,151
; FILING DATE: 30-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-413-118-78

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGATGAT 3

RESULT 1021
US-08-224-657-54/c
; Sequence 54, Application US/08224657
; Patent No. 5756102
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill

```
; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,657
; FILING DATE: 06-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2550
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTWS
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-224-657-54

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3

RESULT 1022
US-08-709-209-197/c
; Sequence 197, Application US/08709209
; Patent No. 5762938
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,209
; FILING DATE: 21-AUG-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
```

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; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-709-209-197

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3

RESULT 1023
US-08-458-101-197/c
; Sequence 197, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James
; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
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; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-458-101-197

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3

RESULT 1024
US-08-466-033-236
; Sequence 236, Application US/08466033
; Patent No. 5766840
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungshuh P.
; APPLICANT: Wages, John
; APPLICANT: Young, LaVonne M.
; APPLICANT: Fry, Kirk E.
; APPLICANT: Linnen, Jeffrey M.
; TITLE OF INVENTION: Hepatitis G Virus and Molecular
;   CLONING THEREOF
; NUMBER OF SEQUENCES: 277
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Ave., Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,033
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US 08/389,886
; FILING DATE: 15-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/357,509
; FILING DATE: 16-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,729
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/344,271
; FILING DATE: 23-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/285,558
; FILING DATE: 03-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/285,543
; FILING DATE: 03-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/246,985
; FILING DATE: 20-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880

; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: Primer GLI-R
US-08-466-033-236

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 949 GCTGTGACCGCTCTGC 963
Db 3 GCTGTGACCGCTCTCC 17

RESULT 1025
US-08-560-231-9/c
; Sequence 9, Application US/08560231
; Patent No. 5817760
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh Iici
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/560,231
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Meredith, Roy D.
; REGISTRATION NUMBER: 30,777
; REFERENCE/DOCKET NUMBER: 186991A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908)594-4678
; TELEFAX: (908)594-4720
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-560-231-9

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1245 GGCCATCGGCATTGA 1259
Db 15 GGCCATCGGCATTGA 1
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RESULT 1026
US-08-444-733-236 Application US/08444733
; Sequence 236, Application US/08444733
; Patent No. 5824507
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungsuh P.
; APPLICANT: Wages, John
; APPLICANT: Young, LaVonne M.
; APPLICANT: Fry, Kirk E.
; APPLICANT: Linnen, Jeffrey M.
; TITLE OF INVENTION: Hepatitis G Virus and Molecular
; TITLE OF INVENTION: Cloning Thereof
; NUMBER OF SEQUENCES: 277
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Ave., Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/444,733
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/389,886
; FILING DATE: 15-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/357,509
; FILING DATE: 16-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,729
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/344,271
; FILING DATE: 23-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/285,558
; FILING DATE: 03-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/285,543
; FILING DATE: 03-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/246,985
; FILING DATE: 20-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Primer GLI-R
US-08-444-733-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 GCTGTGACCGTCTCC 963
DB 3 GCTGTGACCGTCTCC 17

RESULT 1027
US-08-184-009-52/c
; Sequence 52, Application US/08184009
; Patent No. 5833975
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/184,009
; FILING DATE: 19-JAN-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-184-009-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGATGAT 3

RESULT 1028
US-08-464-134-236
; Sequence 236, Application US/08464134
; Patent No. 5849532
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungsuh P.
; APPLICANT: Wages, John
; APPLICANT: Young, LaVonne M.
; APPLICANT: Fry, Kirk E.
; APPLICANT: Linnen, Jeffrey M.
; TITLE OF INVENTION: Hepatitis G Virus and Molecular
; TITLE OF INVENTION: Cloning Thereof
; NUMBER OF SEQUENCES: 277

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dehlinger & Associates
;; STREET: 350 Cambridge Ave., Suite 250
;; CITY: Palo Alto
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94306
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/464,134
;; FILING DATE:
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/389,886
;; FILING DATE: 15-FEB-1995
;; PRIOR APPLICATION NUMBER: US 08/357,509
;; FILING DATE: 16-DEC-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/329,729
;; FILING DATE: 26-OCT-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/344,271
;; FILING DATE: 23-NOV-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/285,558
;; FILING DATE: 03-AUG-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/285,543
;; FILING DATE: 03-AUG-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/246,985
;; FILING DATE: 20-MAY-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Fabian, Gary R.
;; REGISTRATION NUMBER: 33,875
;; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 324-0880
;; TELEFAX: (415) 324-0960
;; INFORMATION FOR SEQ ID NO: 236:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: Primer GLI-R
;; US-08-464-134-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 GCTGTGACCGCTCTGC 963
Db 3 GCTGTGACCGCTCTCC 17

RESULT 1029

US-08-461-361-236
; Sequence 236, Application US/08461361
; Patent No. 5856134
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungshuh P.
; APPLICANT: Wages, John

;; APPLICANT: Young, LaVonne M.
;; APPLICANT: Fry, Kirk E.
;; APPLICANT: Linnen, Jeffrey M.
;; TITLE OF INVENTION: Hepatitis G Virus and Molecular
;; TITLE OF INVENTION: Cloning Thereof
;; NUMBER OF SEQUENCES: 277
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Dehlinger & Associates
;; STREET: 350 Cambridge Ave., Suite 250
;; CITY: Palo Alto
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 94306
;; COMPUTER READABLE FORM: disk
;; MEDIUM TYPE: Floppy
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/461,361
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/389,886
;; FILING DATE: 15-FEB-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/357,509
;; FILING DATE: 16-DEC-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/329,729
;; FILING DATE: 26-OCT-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/344,271
;; FILING DATE: 23-NOV-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/285,558
;; FILING DATE: 03-AUG-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/285,543
;; FILING DATE: 03-AUG-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/246,985
;; FILING DATE: 20-MAY-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Fabian, Gary R.
;; REGISTRATION NUMBER: 33,875
;; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 324-0880
;; TELEFAX: (415) 324-0960
;; INFORMATION FOR SEQ ID NO: 236:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; ORIGINAL SOURCE:
;; INDIVIDUAL ISOLATE: Primer GLI-R
;; US-08-461-361-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 GCTGTGACCGCTCTGC 963
Db 3 GCTGTGACCGCTCTCC 17

RESULT 1030

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICANT: US/08/458,356
FILING DATE: 02-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,009
FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-458-356-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGACGACGAT 3

RESULT 1033

US-09-161-015-12/c
Sequence 12, Application US/09161015A
Patent No. 5965370

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO G EXPRESSION
FILE REFERENCE: RTS-0015
CURRENT APPLICATION NUMBER: US/09/161,015A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 12

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-161-015-12

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1926 CAACTGCACACGCA 1940
Db 18 CAACTGCACCCACGA 4

RESULT 1034

US-08-442-809A-56

Sequence 56, Application US/08442809A
Patent No. 5976873

GENERAL INFORMATION:

APPLICANT: Bohinski, Robert J.,
APPLICANT: Whitsett, Jeffrey A.
TITLE OF INVENTION: Nucleic Acid Sequences

TITLE OF INVENTION: Controlling Lung Cell -
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,809A
FILING DATE: 17-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,356
FILING DATE: 18-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Olstein, Elliot M.
REGISTRATION NUMBER: 24,025
REFERENCE/DOCKET NUMBER: 271010-360
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-442-809A-56

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 638 TCAAGCACGTGGAGG 652
Db 2 TCAAGCACCTGGAGG 16

RESULT 1035

US-08-442-809A-58/c

Sequence 58, Application US/08442809A
Patent No. 5976873

GENERAL INFORMATION:

APPLICANT: Bohinski, Robert J.,
APPLICANT: Whitsett, Jeffrey A.
TITLE OF INVENTION: Nucleic Acid Sequences
TITLE OF INVENTION: Controlling Lung Cell -
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:

ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi, Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2

OPERATING SYSTEM: MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/442,809A
; FILING DATE: 17-MAY-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,356
; FILING DATE: 18-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24, 025
; REFERENCE/DOCKET NUMBER: 271010-360
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-442-809A-58

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 638 TCAAGCACGTGGAGG 652
Db 17 TCAAGCACCTGGAGG 3
|||||

RESULT 1036
US-09-205-860-74
; Sequence 74, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-74

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2771 GTTATTCCGGAAC 2785
Db 2 GTTGTTCGGAAC 16
|||||

RESULT 1037
US-08-473-446-78/c
; Sequence 78, Application US/08473446
; Patent No. 6017542
; GENERAL INFORMATION:
; APPLICANT: PAOLETTI, ENZO
; APPLICANT: LIMBACH, KEITH J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.
; STREET: 530 FIFTH AVENUE, 25TH FLOOR
; CITY: NEW YORK

; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/413,118
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: FROMMER, WILLIAM S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2670
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-473-446-78

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3
|||||

RESULT 1038
US-09-031-897-10/c
; Sequence 10, Application US/09031897
; Patent No. 6027895
; GENERAL INFORMATION:
; APPLICANT: Lambowitz, Alan
; APPLICANT: Mohr, Georg
; APPLICANT: Zimmerly, Steven
; APPLICANT: Guo, Huatao
; TITLE OF INVENTION: Methods Cleaving DNA with Nucleotide
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Calfee, Halter & Griswold
; STREET: 800 Superior Avenue, Suite 1400
; CITY: Cleveland
; STATE: Ohio
; COUNTRY: US
; ZIP: 44114
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/031,897
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Docherty, Pamela A.
; REGISTRATION NUMBER: 40,591
; REFERENCE/DOCKET NUMBER: 24671/00105
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (216)622-8416
; TELEFAX: (216)241 0916
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-031-897-10

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
Db 16 GATGATGATGATGAT 2

RESULT 1039
US-09-289-466-11
; Sequence 11, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RFS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-11

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 832 TGGCTGGTGGTGGTGG 846
Db 4 TGGCTGGTGGTGGTGG 18

RESULT 1040
US-09-289-466-42/c
; Sequence 42, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RFS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-42

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1614 CATCCACAGGACCT 1628
Db 16 CATCCACAGGACCT 2

RESULT 1041
US-09-080-704A-9/c
; Sequence 9, Application US/09080704A
; Patent No. 6166181
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,704A
; FILING DATE: 18 May 1998
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Parr, Richard S.
; REGISTRATION NUMBER: 32,586
; REFERENCE/DOCKET NUMBER: 18699DB
; TELEPHONE: (732)594-4958
; TELEFAX: (732)594-4720
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-09-080-704A-9

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1245 GGCCATCGGCATTGA 1259
Db 15 GGCCATCGGCATTGA 1

RESULT 1042
US-08-416-544B-13
; Sequence 13, Application US/08416544B
; Patent No. 6187320
; GENERAL INFORMATION:
; APPLICANT: Bayer Aktiengesellschaft
; TITLE OF INVENTION: EQUINE HERPESVIRUSES (EHV) WHICH CONTAIN
; FOREIGN DNA, PROCESS FOR THE PREPARATION THEREOF AND THE USE
; VACCINES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bayer Corporation
; STREET: 100 Bayer Road
; CITY: Pittsburgh
; STATE: Pennsylvania
; COUNTRY: U.S.A.

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1245 GGCCATCGGCATTGA 1259
Db 15 GGCCATCGGCATTGA 1

RESULT 1042
US-08-416-544B-13
; Sequence 13, Application US/08416544B
; Patent No. 6187320
; GENERAL INFORMATION:
; APPLICANT: Bayer Aktiengesellschaft
; TITLE OF INVENTION: EQUINE HERPESVIRUSES (EHV) WHICH CONTAIN
; FOREIGN DNA, PROCESS FOR THE PREPARATION THEREOF AND THE USE
; VACCINES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bayer Corporation
; STREET: 100 Bayer Road
; CITY: Pittsburgh
; STATE: Pennsylvania
; COUNTRY: U.S.A.

ZIP: 15205-9741
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS / Windows '95
SOFTWARE: Word '97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/416.544B
FILING DATE: 03-Apr-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: P 41 10 962.7 (Germany)
FILING DATE: April 5, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Godfried R. Akorli
REGISTRATION NUMBER: 28.779
REFERENCE/DOCKET NUMBER: Bayer 8297-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (412) 777-2340
TELEFAX: (412) 777-5449
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 Nucleotides
TYPE: Nucleic Acid
STRANDEDNESS: Double
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-08-416-544B-13

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3651 CTTCGCTTGCTGCAG 3665
|||||
DB 4 CTTCGATGCTGCAG 18

RESULT 1043
US-09-071-433-69/c
Sequence 69, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RFS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 69
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-69

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1719 CAAGAGACCAACCAA 1733
|||||
DB 17 CAAGAGCCCAACCAA 3

RESULT 1044
US-08-460-736-52/c
Sequence 52, Application US/08460736
Patent No. 6265189
GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,736
FILING DATE: 02-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,009
FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTMS
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-460-736-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATCAT 1370
|||||
DB 17 GATGATGAAGACGAT 3

RESULT 1045
US-09-142-334-25/c
Sequence 25, Application US/09142334
Patent No. 6268485
GENERAL INFORMATION:
APPLICANT: Farries, Timothy C.
APPLICANT: Harrison, Richard A.
TITLE OF INVENTION: Down-Regulation Resistant C3 Convertase
FILE REFERENCE: 4-30443/A/IMU/PCT
CURRENT APPLICATION NUMBER: US/09/142,334
CURRENT FILING DATE: 1999-04-15
EARLIER APPLICATION NUMBER: PCT/GB97/00603
EARLIER FILING DATE: 1997-03-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 25
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: nucleotide
OTHER INFORMATION: insertion
US-09-142-334-25

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
|||||
Db 16 GATGATGATGATGAT 2

RESULT 1046
US-09-354-138-54/C
; Sequence 54, Application US/09354138
; Patent No. 6309647
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; APPLICANT: Gettig, Russell
; TITLE OF INVENTION: FOXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/354,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,379
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/416,646
; FILING DATE: 05-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,657
; FILING DATE: 16-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/073,962
; FILING DATE: 08-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/776,867
; FILING DATE: 23-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/621,614
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,283
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 06-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/713,967
; FILING DATE: 11-JUN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07,666,056
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2860
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-354-138-54

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
|||||
Db 17 GATGATGAAGATGAT 3

RESULT 1047
US-08-584-040-8311/C
; Sequence 8311, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8311:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-8311

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1031 TCACGCGACAGGTGT 1045
Db 16 TCACGCGACAGGTGT 2

RESULT 1048

US-09-167-109-129
; Sequence 129, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-129

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2973 GCAGAGCACCAGGCG 2987
Db 2 GCAGAGCACCAGGCG 16

RESULT 1049

US-09-387-341-155/c
; Sequence 155, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 155
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-155

Query Match 0.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1926 CAACGCGACACGCA 1940
Db 18 CAACGCGACACGCA 4

RESULT 1050

US-09-425-233-4/c
; Sequence 4, Application US/09425233
; Patent No. 6472200
; GENERAL INFORMATION:
; APPLICANT: EDUARDO MITRANI
; TITLE OF INVENTION: A DEVICE AND METHOD FOR PERFORMING A
; TITLE OF INVENTION: BIOLOGICAL MODIFICATION OF A FLUID
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 2001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows 98
; SOFTWARE: Word for Windows version 6.0 converted to
; SOFTWARE: an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/425,233
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 325/68
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-425-233-4

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2817 ATATGGTATATATAC 2831
Db 17 ATATGGTATATATAC 3

RESULT 1051

US-09-535-370-52/c
; Sequence 52, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TARTAGLIA, James
; COX, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217


```
; ORGANISM: Mus sp.
US-09-371-772B-3969

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1031 TCACGCGACAGGTGT 1045
    |||||
Db 16 TCACGCGACAGGTGT 2

RESULT 1055
US-09-136-159A-52/c
; Sequence 52, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; CURRENT FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/897,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide referred to as F75PE
US-09-136-159A-52

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
    |||||
Db 17 GATGATGAAGACGAT 3

RESULT 1056
US-09-552-204A-14
; Sequence 14, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP2
; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20

; ORGANISM: Mus sp.
US-09-371-772B-3969

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1031 TCACGCGACAGGTGT 1045
    |||||
Db 16 TCACGCGACAGGTGT 2

RESULT 1055
US-09-136-159A-52/c
; Sequence 52, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; CURRENT FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/897,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide referred to as F75PE
US-09-136-159A-52

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
    |||||
Db 17 GATGATGAAGACGAT 3

RESULT 1056
US-09-552-204A-14
; Sequence 14, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP2
; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20

; ORGANISM: Pinus taeda L.
US-09-232-785-392

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
    |||||
Db 3 GATGATGAAGATGAT 17

RESULT 1058
US-09-232-785-392/c
; Sequence 392, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E188US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 392
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-392

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
    |||||
Db 3 GATGATGAAGATGAT 17

RESULT 1058
US-09-232-785-392/c
; Sequence 392, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E188US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 392
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-392
```

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 16 GATGATGATGATGAT 2

RESULT 1059
US-09-663-667-52/c
; Sequence 52, Application US/09663667
; Patent No. 6780407
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; ; Tartaglia, James
; ; Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/663,667
; FILING DATE: 15-Sep-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/184,009
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-09-663-667-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGACGAT 3

RESULT 1060
PCT-US95-00464-1
; Sequence 1, Application PC/TUS9500464
; GENERAL INFORMATION:
; APPLICANT: Zepp, Charles M.
; APPLICANT: Heefner, Donald L.
; TITLE OF INVENTION: Inactivation of Viruses Present in

; TITLE OF INVENTION: Blood Components Using Chemically-Activated Compounds
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kriegsmann & Kriegsmann
; STREET: 883 Edgell Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS 6.2
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00464
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08179437
; FILING DATE: 10-JAN-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kriegsmann, Edward M.
; REGISTRATION NUMBER: 33,529
; REFERENCE/DOCKET NUMBER: 80822PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 877-8588
; TELEFAX: (508) 877-3797
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-00464-1

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2597 CTTCCACACCCAAA 2611
DB 1 CATCCACACCCAAA 15

RESULT 1061
US-08-127-954-7/c
; Sequence 7, Application US/08127954
; Patent No. 5451512
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; TITLE OF INVENTION: Methods and Reagents for HLA Class I A
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/127,954
; FILING DATE:
; CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8873
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-127-954-7

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 327 CTCATCTCTGGCT 341
DB 19 CTCATCTCTGGCT 5

RESULT 1062
US-08-605-089-3
Sequence 3, Application US/08605089
Patent No. 5719026
GENERAL INFORMATION:
APPLICANT: Takafumi FUKUI
APPLICANT: Kiyonori KATSURAGI
APPLICANT: Moritoshi KINOSHITA
APPLICANT: Sadahiko SHIN
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JPA-6-154571
FILING DATE: 06-JUL-1994
APPLICATION NUMBER: PCT/JP95/01352
FILING DATE: 06-JUL-1995
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 BASES
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: DNA
US-08-605-089-3

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1188 GCTGACCCCTGGCAA 1202
DB 5 GCTGACCCCTGGCAA 19

RESULT 1063
US-08-748-591-21/c
Sequence 21, Application US/08748591
Patent No. 5759811
GENERAL INFORMATION:
APPLICANT: Epstein, Ervin
APPLICANT: Hu, Zhilan
APPLICANT: Bonifas, Jeanette
TITLE OF INVENTION: Mutant Human Hedgehog Gene
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish and Richardson
STREET: 2200 Sand Hill Road
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,591
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: 06510/067001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-5070
TELEFAX: (415) 854-0875
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-748-591-21

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1887 CAAGCTGCTGAAGGA 1901
DB 16 CAAGCTGCTGAAGGA 2

RESULT 1064
US-08-850-993-19/c
Sequence 19, Application US/08850993
Patent No. 5955277
GENERAL INFORMATION:
APPLICANT: Hansen, Torben
APPLICANT: Andersen, Carsten
APPLICANT: Pedersen, Oluf B.
TITLE OF INVENTION: Mutant cDNA Encoding The p85alpha
FILE REFERENCE: 4802.200-US
CURRENT APPLICATION NUMBER: US/08/850,993
CURRENT FILING DATE: 1997-05-05
EARLIER APPLICATION NUMBER: 0539/96
EARLIER FILING DATE: 1996-05-06
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 19
LENGTH: 19
TYPE: DNA
ORGANISM: human

US-08-850-993-19

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGAT 1367
| | | | | | | | | | | | | | | | | | | | |
Db 15 GAAGATGATGAAGAT 1

RESULT 1065

US-09-025-769B-335/c
; Sequence 335, Application US/09025769B
; Patent No. 6300064

GENERAL INFORMATION:

; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,769B
FILING DATE: 18-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95 11 3021.0
FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)596-9000
TELEFAX: (212)596-9090

INFORMATION FOR SEQ ID NO: 335:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide"

US-09-025-769B-335

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3002 CAGTTTGTGTTTAA 3016
| | | | | | | | | | | | | | | | | | | | |
Db 18 CAGTTTGTGTTTAA 4

RESULT 1066

US-09-144-367-49
; Sequence 49, Application US/09144367
; Patent No. 6432639

GENERAL INFORMATION:

; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/09/144,367
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/058,612
; PRIOR FILING DATE: 1997-09-10
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 19
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-49

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 CTCGAGCTGCTGCC 1158
| | | | | | | | | | | | | | | | | | | | |
Db 3 CTCGAGCTGCTGCC 17

RESULT 1067

US-09-490-070A-335/c
; Sequence 335, Application US/09490070A
; Patent No. 6696248

GENERAL INFORMATION:

; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; STREET: 1666 K Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/490,070A
FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Colin G. Sandercock, Esq.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 37629-0005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 912-2000
TELEFAX: (202) 912-2020

INFORMATION FOR SEQ ID NO: 335:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "synthetic oligonucleotide"

SEQUENCE DESCRIPTION: SEQ ID NO: 335:

US-09-490-070A-335

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3002 CAGTTTGTGTTTAA 3016
| | | | | | | | | |
Db 18 CAGTTTGTGTTTAA 4

RESULT 1068

US-09-490-153-335/c
; Sequence 335, Application US/09490153
; Patent No. 6706484

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; Pack, Peter

; Ilag, Vic

; Ge, Liming

; Moroney, Simon

; Pluckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESSES:

; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10021

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/490,153

; FILING DATE: 24-Jan-2000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/025,769B

; FILING DATE: 18-FEB-1998

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: James F. Haley, Jr., Esq.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: MORPHO/5

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212)596-9000

; TELEFAX: (212)596-9090

; INFORMATION FOR SEQ ID NO: 335:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "synthetic oligonucleotide"

; SEQUENCE DESCRIPTION: SEQ ID NO: 335:

US-09-490-153-335

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3002 CAGTTTGTGTTTAA 3016
| | | | | | | | | |
Db 18 CAGTTTGTGTTTAA 4

RESULT 1069

US-09-696-791-325/c

; Sequence 325, Application US/09696791
; Patent No. 6770633

; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

; FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25

; NUMBER OF SEQ ID NOS: 4523

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 325

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Cdk3 ribozyme binding site

US-09-696-791-325

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 334 TCCTGCTGAAGAAC 348
| | | | | | | | | |
Db 18 TCCTGCTGAAGAAC 4

RESULT 1070

US-09-696-791-3393

; Sequence 3393, Application US/09696791

; Patent No. 6770633

; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

; FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25

; NUMBER OF SEQ ID NOS: 4523

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 3393

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Cyclin B1 ribozyme binding site

US-09-696-791-3393

Query Match 0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2554 CCTCTGCCTTTGAC 2568
| | | | | | | | | |
Db 1 CCTCTACCTTTGAC 15

RESULT 1071

US-09-798-743-30

; Sequence 30, Application US/09798743

; Patent No. 6790831

; GENERAL INFORMATION:

; APPLICANT: Nezu, Jun-Ichi

; APPLICANT: Ose, Asuka

; TITLE OF INVENTION: SYSTEMIC CARNITINE DEFICIENCY GENE AND USES THEREOF

; FILE REFERENCE: 06501-073001

; CURRENT APPLICATION NUMBER: US/09/798,743

; CURRENT FILING DATE: 2001-03-02

; PRIOR APPLICATION NUMBER: PCT/JP99/04853

; PRIOR FILING DATE: 1999-09-07

```
; PRIOR APPLICATION NUMBER: JP 10-252683
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Sequence
US-09-798-743-30

Query Match      0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 402-GCAGTCGACCTGGT 416
Db 4 GCAGTCGAAACCTGGT 18

RESULT 1072
US-09-475-947A-134
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS00667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-134

Query Match      0.4%; Score 13.4; DB 1; Length 24;
Best Local Similarity 73.9%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3264 TTTATTGCTTTGTCCTTTTC 3286
Db 2 TTTTTTTTTTTTTTTTTTTTTC 24

RESULT 1073
US-08-910-632-5/c
; Sequence 5, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220.00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; CURRENT FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic AS83 DNA nanocircle
US-08-910-632-5

Query Match      0.4%; Score 13.4; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTGTCCTTTT 3284
Db 24 TTTTTTTTTGTTTTTTTTTTT 2

RESULT 1074
US-08-805-631A-5/c
; Sequence 5, Application US/08805631A
; Patent No. 6096880
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF ROCHESTER
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NO. 6096880th Fourth Street, Suite 201
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/805,631A
; FILING DATE: 26-FEB-97
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/393,439
; FILING DATE: 23-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/047,860
; FILING DATE: 15-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 220.00010140
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
US-08-805-631A-5

Query Match      0.4%; Score 13.4; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTGTCCTTTT 3284
Db 24 TTTTTTTTTGTTTTTTTTTTT 2

RESULT 1075
US-09-569-344-5/c
; Sequence 5, Application US/09569344
; Patent No. 6368802
```

```

; FEATURE:
; NAME/KEY: misc_signal
; LOCATION: (27)..(27)
; OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
; OTHER INFORMATION: esterified with 3-O carboxymethyl digoxigenin
US-09-325-554-18

Query Match 0.4%; Score 13.4; DB 1; Length 27;
Best Local Similarity 68.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTGTCCTTTTTC 3286
Db 2 TTTTITTTTTTTTTTTTTTTTTT 26

RESULT 1077
US-10-102-720-18
; Sequence 18, Application US/10102720
; Patent No. 6790623
; GENERAL INFORMATION:
; APPLICANT: Weindel, Kurt
; APPLICANT: Brand, Joachim
; TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX
; FILE REFERENCE: 101614-00014
; CURRENT APPLICATION NUMBER: US/10/102,720
; CURRENT FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 09/325,554
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent-In version 3.1
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; NAME/KEY: misc_signal
; LOCATION: (27)..(27)
; OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
; OTHER INFORMATION: esterified with 3-O carboxymethyl digoxigenin
US-10-102-720-18

Query Match 0.4%; Score 13.4; DB 1; Length 27;
Best Local Similarity 68.0%; Pred. No. 1.3e+03;
Matches 17; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTGTCCTTTTTC 3286
Db 2 TTTTITTTTTTTTTTTTTTTTTT 26

RESULT 1078
US-08-910-632-6
; Sequence 6, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220.00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; CURRENT FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence

```



```

; FEATURE:
; OTHER INFORMATION: multimer
US-08-910-632-6

```

Query Match	0.4%	Score 13.4	DB 1	Length 29
Best Local Similarity	73.9%	Pred. No. 1.4e+03		
Matches 17	Conservative	0	Mismatches 6	Indels 0
				Gaps 0

Qy 3262 TATTTATTGCTTGTCCTTTT 3284
| | | | | | | | | |
pB 7 TTTTCTTTTGTCTTTTCTTTT 29

RESULT 1079
 US-08-805-631A-6
 ; Sequence 6, Application US/0805631A
 ; Patent No. 6096880
 ; GENERAL INFORMATION:
 ; APPLICANT: UNIVERSITY OF ROCHESTER
 ; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
 ; TITLE OF INVENTION: DNA
 ; NUMBER OF SEQUENCES: 72
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
 ; STREET: 119 No. 6096880th Fourth Street, Suite 201
 ; CITY: Minneapolis
 ; STATE: Minnesota
 ; COUNTRY: USA
 ; ZIP: 55401
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/805,631A
 ; FILING DATE: 26-FEB-97
 ; CLASSIFICATION: 536
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/393,439
 ; FILING DATE: 23-FEB-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/047,860
 ; FILING DATE: 15-APR-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: SANDBERG, VICTORIA A.
 ; REGISTRATION NUMBER: 41,287
 ; REFERENCE/DOCKET NUMBER: 220.00010140
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-305-1226
 ; TELEFAX: 612-305-1228
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 29 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-805-631A-6

Query Match	0.4%	Score 13.4;	DB 1;	Length 29;
Best Local Similarity	73.9%	Pred. No. 1.4e+03;		
Matches 17;	Conservative	0;	Mismatches 6;	Indels 0;
				Gaps 0;

Qy 3262 TATTTTATTGCTTTTGTCCTTTT 3284
 | ||||| ||||| ||||| |||||
Dp 7 TTTTTTTTTTTTTGTGTTTTTTTTTT 29

RESULT 1080
US-09-569-344-6
; Sequence 6, Application US/09569344
; Patent No. 6368802

GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF ROCHESTER
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
DNA
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6368802th Fourth Street, Suite 201
CITY: Minneapolis
STATE: Minnesota
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/569,344
FILING DATE: 11-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/805,631
FILING DATE: 26-FEB-97
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 220.00010140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-569-344-6

Query Match	0.4%	Score 13.4;	DB 1;	Length 29;
Best Local Similarity	73.9%;	Pred. No. 1.4e+03;		
Matches 17;	Conservative	0;	Mismatches 6;	Indels 0;
				Gaps 0;

Qy 3262 TATTTATTGCTTGTGCCTTT 3284
| | | | | | | | | |
Dh 7 TTTTTTTTTTGTGTGGTGGTGGTGGT 29

```

RESULT 1081
US-09-750-401-18
; Sequence 18, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 29

```


STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/105,483
FILING DATE: 12-AUG-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/847,951
FILING DATE: 06-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2400
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-105-483-86

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 GGTGGGCTTCTCTGTT 932
DB 18 GGCGGGGCTTCTCTGTT 1

RESULT 1086
US-08-050-232-11
Sequence 11, Application US/08050232
Patent No. 5525492
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Process for Amplifying Nucleic Acid
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marks & Murase
STREET: 2001 L Street, N.W., Suite 750
CITY: Washington
STATE: D.C.
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordstar
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,232
FILING DATE: 14-MAY-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9024005.2
FILING DATE: 05-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB91/01935
FILING DATE: 05-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Michael D. Bednarek
REGISTRATION NUMBER: 32,329
REFERENCE/DOCKET NUMBER: SH-PCT-2

TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-955-4900
TELEFAX: 202-955-4932
TELEX: 248749
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-050-232-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3660 CTGCAGGCGCATGGCTCA 3677
DB 1 CTGCAAGGCCAAGGCACA 18

RESULT 1087
US-08-388-381-29
Sequence 29, Application US/08388381
Patent No. 5552283
GENERAL INFORMATION:
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE:

; NAME/KEY: sequencing primer for exon 5 of human p53 gene
US-08-388-381-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1185 CCGGCTGACCTGGGCAA 1202
DB 1 CCTGGGACCTGGGCAA 18
|||||

RESULT 1088

US-08-145-704-42/c
; Sequence 42, Application US/08145704
; Patent No. 5567604
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegei, Joseph G.
; APPLICANT: Joshua O. Ojwang
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,704
; FILING DATE: 28-OCT-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety attached to 3'
; OTHER INFORMATION: end"

US-08-145-704-42

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGCGTGGGGGG 2937
DB 18 GGGGGGGGGGGGGGGG 1
|||||

RESULT 1089

US-08-145-704-43/c
; Sequence 43, Application US/08145704
; Patent No. 5567604
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegei, Joseph G.
; APPLICANT: Joshua O. Ojwang
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,704
; FILING DATE: 28-OCT-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety attached to 3'
; OTHER INFORMATION: end and phosphorothioate backbone"

US-08-145-704-43

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGCGTGGGGGG 2937
DB 18 GGGGGGGGGGGGGGGG 1
|||||

RESULT 1090

US-08-349-696-11/c
; Sequence 11, Application US/08349696
; Patent No. 5599671
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors

```

; NAME: Bencen, Gerard H
; REGISTRATION NUMBER: 35,746
; REFERENCE/DOCKET NUMBER: 19219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3901
; TELEFAX: (908)594-4720
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-233-009-11
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1588 ATGGAGTACTTGCCCTCC 1605
; ||||| |||||
; Db 18 ATGGAGTACATGGTCTAC 1
;
; RESULT 1092
; US-08-233-009-32/c
; Sequence 32, Application US/08233009
; Patent No. 5646156
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
; TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O.Box 2000
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,009
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Bencen, Gerard H
; REGISTRATION NUMBER: 35,746
; REFERENCE/DOCKET NUMBER: 19219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3901
; TELEFAX: (908)594-4720
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-233-009-32
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;

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; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/458,101
 ; FILING DATE: 01-JUN-1995
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Frommer, William S.
 ; REGISTRATION NUMBER: 25,506
 ; REFERENCE/DOCKET NUMBER: 454310-2740
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212) 840-3333
 ; TELEFAX: (212) 840-0712
 ; INFORMATION FOR SEQ ID NO: 86:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-458-101-86

Query Match 0.3%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 8.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 GGTGGCTTCTTCTGTT 932
 DB 18 GGCGGGTCTTCTGTT 1

RESULT 1096

US-08-758-306-515
 ; Sequence 515, Application US/08/58306
 ; Patent No. 5807743
 ; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: McSwiggen, James A.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES
 ; TITLE OF INVENTION: ASSOCIATED WITH
 ; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
 ; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
 ; NUMBER OF SEQUENCES: 1379
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/758,306
 ; FILING DATE: December 3, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:

; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 212/132
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440

; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 515:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-758-306-515

Query Match 0.3%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 72.2%; Pred. No. 8.8e+02;
 Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2702 CCACCTGCCCCCTCAG 2719
 DB 1 CCACUCUGCCCUCCAG 18

RESULT 1097

US-08-758-306-547/c
 ; Sequence 547, Application US/08/58306
 ; Patent No. 5807743
 ; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: McSwiggen, James A.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES
 ; TITLE OF INVENTION: ASSOCIATED WITH
 ; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
 ; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
 ; NUMBER OF SEQUENCES: 1379
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/758,306
 ; FILING DATE: December 3, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:

; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 212/132
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 547:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-758-306-547

Query Match 0.3%; Score 13.2; DB 1; Length 18;
 Best Local Similarity 83.3%; Pred. No. 8.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3211 CCCTCAAGCCTAAAG 3228

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Db 18 CCCTCCAGCGCGAAAG 1
|| ||||| || |||||
RESULT 1098
US-08-758-306-987/c
; Sequence 987, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 987:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-987
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3211 CCCTCCAGCGCGAAAG 3228
|| ||||| || |||||
Db 18 CCCTCCAGCGCGAAAG 1
|| ||||| || |||||
RESULT 1099
US-08-758-306-1351
; Sequence 1351, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 987:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-987
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3211 CCCTCCAGCGCGAAAG 3228
|| ||||| || |||||
Db 18 CCCTCCAGCGCGAAAG 1
|| ||||| || |||||
RESULT 1100
US-08-311-486C-1074
; Sequence 1074, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1351:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-1351
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 8.8e+02;
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 2702 CCACCTCGCCCTCAGAG 2719
|| ||||| || |||||
Db 1 CCUCCUGCCUCCUCCAG 18
|| ||||| || |||||
RESULT 1100
US-08-311-486C-1074
; Sequence 1074, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
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/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/311,486C
/ FILING DATE: September 23, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/166
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1074:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-311-486C-1074

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 8.8e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1883 TCTTCAAGCTGCTGAAGG 1900
Db :||:|||||
1 UCUUCCAGCUGGAGAAGG 18

RESULT 1101
US-08-311-486C-1141
/ Sequence 1141, Application US/08311486C
/ Patent No. 5811300
/ GENERAL INFORMATION:
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth Draper
/ APPLICANT: Kevin Kisich
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: TNF-
/ NUMBER OF SEQUENCES: 1157
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/311,486C
/ FILING DATE: September 23, 1994
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/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/166
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1141:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-311-486C-1141

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 8.8e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1883 TCTTCAAGCTGCTGAAGG 1900
Db :||:|||||
1 UCUUCCAGCUGGAGAAGG 18

RESULT 1102
US-08-560-231-11/C
/ Sequence 11, Application US/08560231
/ Patent No. 5817760
/ GENERAL INFORMATION:
/ APPLICANT: Jacobson, Marlene A
/ APPLICANT: Johnson, Robert G
/ APPLICANT: Luneau, Christopher J
/ APPLICANT: Salvatore, Christopher A
/ TITLE OF INVENTION: Human Adenosine Receptors
/ NUMBER OF SEQUENCES: 28
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Merck & Co., Inc.
/ STREET: P.O. Box 2000
/ CITY: Rahway
/ STATE: NJ
/ COUNTRY: United States
/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Macintosh IIfx
/ OPERATING SYSTEM: Macintosh
/ SOFTWARE: Microsoft Word 5.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/560,231
/ FILING DATE:
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meredith, Roy D.
/ REGISTRATION NUMBER: 30,777
/ REFERENCE/DOCKET NUMBER: 186991A
/ TELEPHONE: (908)594-4678
/ TELEFAX: (908)594-4720
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
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two

two

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; MOLECULE TYPE: cdna
US-08-560-231-11
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1588 ATGCAGTACTTGGCCTCC 1605
|||||
Db 18 ATGCAGTACATGGTCTAC 1

RESULT 1103
US-08-110-294A-47
; Sequence 47, Application US/08110294A
; Patent No. 5821234
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,294A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/063,980
; FILING DATE: 19-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/944,882
; FILING DATE: 10-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 93,510-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-110-294A-47

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 ATGCAGCAGAGTGGGCC 673
|||||
Db 1 ATGCAGAGAGCTAGGCC 18

RESULT 1104
US-08-661-767-11
; Sequence 11, Application US/08661767
; Patent No. 5824515
; GENERAL INFORMATION:
```

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; APPLICANT: Adrian Vivian Sinton HILL
; TITLE OF INVENTION: Process for Amplifying Nucleic Acid
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: WENDEROOTH, LIND & POWACK
; STREET: 805 Fifteenth Street, Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/661,767
; FILING DATE: June 11, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9024005.2
; FILING DATE: 05-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB91/01935
; FILING DATE: 05-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER: 263/KPVM1540US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX: 202-371-8856
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-661-767-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3660 CTGCAGGGCCATGGCTCA 3677
|||||
Db 1 CTGCAGGCCCAAGGCACA 18

RESULT 1105
US-08-389-926-47
; Sequence 47, Application US/08389926
; Patent No. 5869462
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/389,926
FILING DATE: 16 FEB 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
US-08-389-926--47

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 ATGCGAGCAAGGTGGGCC 673
|||||
Db 1 ATGCGAGCAAGCTAGGCC 18

RESULT 1106
US-08-358-556A-24/c
Sequence 24, Application US/08358556A
Patent No. 5869643
GENERAL INFORMATION:
APPLICANT: Chatelain, Francois
APPLICANT: Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
TITLE OF INVENTION: A Solid Support and Apparatus Permitting its
TITLE OF INVENTION: Implementation
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
US-08-358-556A-24

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGGTGGGGGGG 2937
|||||
Db 18 GGGCGGGGTGGGGGGG 1

RESULT 1107
US-08-649-511A-9
Sequence 9, Application US/08649511A
Patent No. 5876932
GENERAL INFORMATION:
APPLICANT: Fischer, Achim
TITLE OF INVENTION: Method for Gene Expression Analysis
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: United States
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.0/ASCII standard
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,511A
FILING DATE: 17-MAY-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19518505.6
FILING DATE: 19-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Schofield, Mary Anne
REGISTRATION NUMBER: 36,669
REFERENCE/DOCKET NUMBER: HUBR 1085
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-649-511A-9

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1359 GATGAAGATGATCGGAA 1376
|||||
Db 1 GATCAAGAGATCGAGAA 18

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RESULT 1108
US-08-553-619B-24
; Sequence 24, Application US/08553619B
; Patent No. 5919705
; GENERAL INFORMATION:
; APPLICANT: Dehaan, Petrus T.
; TITLE OF INVENTION: Virus Resistant Plants
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5919705artis Crop Protection
; STREET: 975 California Avenue
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/553.619B
; FILING DATE: December 1, 1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Marcus-Wyner, Lynn
; REGISTRATION NUMBER: 34,869
; REFERENCE/DOCKET NUMBER: 137-1082/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/354-3586
; TELEFAX: 415/857-1125
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: oligonucleotide
US-08-553-619B-24

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3662 GCAGGGCCATGGCTCAGG 3679
Db 1 GGAGAGCCATGGCTCGG 18

RESULT 1109
US-08-347-563A-29
; Sequence 29, Application US/08347563A
; Patent No. 5935810
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREO
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/347,563A
; FILING DATE: NO. 5935810ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 1gP DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-347-563A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCTAGCAGCCACCCTG 2245
Db 1 CCCAAGAAGCCCATCTG 18

RESULT 1110
US-09-213-767-9
; Sequence 9, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-9

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1230 GGTGTCATGGCGAGGC 1247
Db 1 GGTGTCATGGCGAGGC 18

RESULT 1111
US-08-849-021-76/c
; Sequence 76, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
```


Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 GCTGAGGACACAGGTG 213
Db 1 GCAGAGGGCACAGGATG 18

RESULT 1114

US-09-339-964-35/C
; Sequence 35, Application US/09339964
; Patent No. 6025198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
; FILE REFERENCE: RTS-0065
; CURRENT APPLICATION NUMBER: US/09/339,964
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-35

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2043 CACCGAGGACTGCTGA 2060
Db 18 CACGAGGAGACTTGA 1

RESULT 1115

US-09-156-807-22
; Sequence 22, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RhoC EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-807-22

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2373 GCGTGCGCATCTTGCTC 2390
Db 1 GTGTGCTCGTCTTGCTC 18

RESULT 1116

US-08-485-942A-29
; Sequence 29, Application US/08485942A
; Patent No. 6048837
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND STEPHEN K. BURLE
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS

; TITLE OF INVENTION: AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,942A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 1gF DNA primer generated from the 5 noncoding
; DESCRIPTION: sequence of the human ob gene
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-485-942A-29
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2228 CCTAGCAGCCACCCTG 2245
Db 1 CCCAGAGCCCATCTG 18
RESULT 1117
US-08-765-626-29
; Sequence 29, Application US/08765626
; Patent No. 6071726
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:

```
/
/ ADDRESSEE: Oppedahl & Larson
/ STREET: 1992 Commerce Street, Suite 309
/ CITY: Yorktown Heights
/ STATE: NY
/ COUNTRY: USA
/ ZIP: 10598-4412
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS 5.0
/ SOFTWARE: Word Perfect
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/765,626
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US95/08605
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/388,381
/ FILING DATE: 14-FEB-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Marina T. Larson
/ REGISTRATION NUMBER: 32,038
/ REFERENCE/DOCKET NUMBER: VGEN.P-003-US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (914) 245-3252
/ TELEFAX: (914) 962-4330
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: genomic DNA
/ HYPOTHETICAL: no
/ ANTI-SENSE: no
/ FRAGMENT TYPE: internal
/ ORIGINAL SOURCE:
/ ORGANISM: human
/ FEATURE:
/ NAME/KEY: sequencing primer for exon 5 of human p53 gene
/ US-08-765-626-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1185 CCGGCTGACCCCTGGGCAA 1202
Db 1 CCTGGGACCTGGGCAA 18

RESULT 1118
US-09-143-212-19/c
; Sequence 19, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-19

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1230 GGTGGTCATGGCGGAGGC 1247
Db 18 GGTGGTCCTGTGGATGC 1

RESULT 1119
US-09-143-212-68/c
; Sequence 68, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-68

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2004 GCTGGTGAGGACCTGGA 2021
Db 18 GCTTTGGAGACCTGGA 1

RESULT 1120
US-09-163-162-25/c
; Sequence 25, Application US/09163162
; Patent No. 6077709
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowseert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: RTS-0008
; CURRENT APPLICATION NUMBER: US/09/163,162
; CURRENT FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-163-162-25

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTACAAAGTTT 3463
Db 18 ATTAGATGTTCAACTGT 1

RESULT 1121
US-09-043-085-6/c
; Sequence 6, Application US/09043085
; Patent No. 6083685
; GENERAL INFORMATION:
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; MOLECULE TYPE: DNA (genomic)
US-08-472-040A-51

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTTCTCATCACTCTG 829
| | | | | | | | | | | | | | | | | |
Db 1 GATTTCCTCTCACTCTG 18

RESULT 1124

US-09-197-380-10
; Sequence 10, Application US/09197380

; Patent No. 6096543

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION

; FILE REFERENCE: RTS-0016

; CURRENT APPLICATION NUMBER: US/09/197,380

; CURRENT FILING DATE: 1998-11-20

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 10

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-197-380-10

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 913 GGGGTGGGCTTCTCTG 930
| | | | | | | | | | | | | | | | | |
Db 1 GGGGTGGGCTTCTCTG 18

RESULT 1125

US-09-205-143-24

; Sequence 24, Application US/09205143

; Patent No. 6107091

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION

; FILE REFERENCE: RTS-0032

; CURRENT APPLICATION NUMBER: US/09/205,143

; CURRENT FILING DATE: 1998-12-03

; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 24

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-143-24

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 247 CGGATGCACGAGCTG 264
| | | | | | | | | | | | | | | | | |
Db 1 CGGATGCACGAGCTG 18

RESULT 1126

US-08-488-214A-29

; Sequence 29, Application US/08488214A

; Patent No. 6124439

; GENERAL INFORMATION:

; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,

; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLEY

; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING

; TITLE OF INVENTION: (AS AMENDED)

; NUMBER OF SEQUENCES: 99

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Klauber & Jackson

; STREET: 411 Hackensack Avenue

; CITY: Hackensack

; STATE: New Jersey

; COUNTRY: USA

; ZIP: 07601

; COMPUTER READABLE FORM: disk

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/488,214A

; FILING DATE: JUNE 7, 1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/438,431

; FILING DATE: May 10, 1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/347,563

; FILING DATE: No. 6124439ember 30, 1994

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/292,345

; FILING DATE: August 17, 1994

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Jackson Esq., David A.

; REGISTRATION NUMBER: 26,742

; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 201 487-5800

; TELEFAX: 201 343-1684

; TELEX: 133521

; INFORMATION FOR SEQ ID NO: 29:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)

; DESCRIPTION: HOB IgF DNA primer generated from the 5 noncoding

; SEQUENCE: sequence of the human ob gene

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-08-488-214A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCCTAGCAGCCACCTG 2245

| | | | | | | | | | | | | | | | | |

Db 1 CCCAAGAGCCCATCTG 18

RESULT 1127

US-08-488-208A-29

; Sequence 29, Application US/08488208A

; Patent No. 6124448

; GENERAL INFORMATION:

; APPLICANT: THE ROCKEFELLER UNIVERSITY

; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

; TITLE OF INVENTION: US95 THEREOF

```
;
;
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,208A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6124448ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 1gf DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-488-208A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCCTAGCAGCCACCTG 2245
DB 1 CCCAAGAGCCATCTG 18

RESULT 1128
US-09-213-719-64
; Sequence 64, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
```

```
;
;
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-213-719-64

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2128 GACGACTCCGTGTTGCC 2145
DB 1 GACGACTCCTTGTTCACC 18

RESULT 1129
US-08-987-574-42/c
; Sequence 42, Application US/08987574
; Patent No. 6150339
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,574
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note="Amine moiety
; OTHER INFORMATION: attached to 3' end"
; US-08-987-574-42

Query Match 0.3%; Score 13.2; DB 1; Length 18;
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Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGG 1

RESULT 1130
US-08-987-574-43/c
; Sequence 43, Application US/08987574
; Patent No. 6150339
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,574
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end and phosphorothioate
; OTHER INFORMATION: backbone"
US-08-987-574-43

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGG 1
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RESULT 1131
US-09-286-407-25/c
; Sequence 25, Application US/09286407A
; Patent No. 6165788
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowbert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: ISPH-0349
; CURRENT APPLICATION NUMBER: US/09/286,407A
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-286-407-25

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTCAAGTTT 3463
Db 18 ATTAGATGTTCAACTGT 1

RESULT 1132
US-09-080-704A-11/c
; Sequence 11, Application US/09080704A
; Patent No. 6166181
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/080,704A
; FILING DATE: 18 May 1998
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Parr, Richard S.
; REGISTRATION NUMBER: 32,586
; REFERENCE/DOCKET NUMBER: 18699DB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (732)594-4958
; TELEFAX: (732)594-4720
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

US-09-080-704A-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1588 ATGAGTACTTGGCTCC 1605
Db 18 ATGAGTACTTGGCTAC 1

RESULT 1133

US-09-220-081-30/c
; Sequence 30, Application US/09220081
; Patent No. 6171833
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0790000
; CURRENT APPLICATION NUMBER: US/09/220.081
; CURRENT FILING DATE: 1998-12-23
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-220-081-30

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 852 CGAGGAGGAGCTGTGGA 869
Db 18 CGAGGTGACCTGTGNA 1

RESULT 1134

US-09-193-792-16
; Sequence 16, Application US/09193792B
; Patent No. 6180344
; GENERAL INFORMATION:
; APPLICANT: Chen, Bin
; TITLE OF INVENTION: 5' Upstream Region Sequences of the MYOD1 Gene
; FILE REFERENCE: D6015
; CURRENT APPLICATION NUMBER: US/09/193.792B
; CURRENT FILING DATE: 1998-11-17
; PRIOR FILING DATE: 1997-11-18
; NUMBER OF SEQ ID NOS: 20
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: Pax3-specific primer used to amplify the Pax3 gene
US-09-193-792-16

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2670 ACCGCTCCCTCCACTCCA 2687
Db 1 ACTGCTCCCTCCAGCACCA 18

RESULT 1135

US-09-230-180-13
; Sequence 13, Application US/09230180
; Patent No. 6183992
; GENERAL INFORMATION:
; APPLICANT: Kim, Sun-Chang
; APPLICANT: Lee, Jae Hyun
; APPLICANT: Kang, Min Hyung
; APPLICANT: Kim, Jeong Hyun
; APPLICANT: Hong, Seung-Suh
; APPLICANT: Lee, Hyun-Soo
; APPLICANT: Samyang Genex Corporation
; APPLICANT: Korea Advanced Institute of Science and Technology
; TITLE OF INVENTION: METHOD FOR MASS PRODUCTION OF
; TITLE OF INVENTION: ANTIMICROBIAL PEPTIDE
; FILE REFERENCE: 6181/0F135
; CURRENT APPLICATION NUMBER: US/09/230.180
; CURRENT FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: PCT/KR98/00132
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: KR 13372/1998
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: KR 21312/1997
; PRIOR FILING DATE: 1997-05-28
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ButorinII gene 3' PCR primer
US-09-230-180-13

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3653 TGCTGCTGCGAGGCCA 3670
Db 1 TGCATGCTGCGAGTCGA 18

RESULT 1136

US-08-535-168-42/c
; Sequence 42, Application US/08535168
; Patent No. 6184369
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennevald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535.168
; FILING DATE:

```

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note="Amine moiety
; OTHER INFORMATION: attached to 3' end"
; US-08-535-168-42
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1137
US-08-535-168-43/c
; Sequence 43, Application US/08535168
; Patent No. 6184369
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendeigui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanoxine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,168
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.

```

```

; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note="Amine moiety
; OTHER INFORMATION: attached to 3' end and phosphorothioate
; OTHER INFORMATION: backbone"
; US-08-535-168-43
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1138
US-09-120-049-8/c
; Sequence 8, Application US/09120049
; Patent No. 6200755
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Optical Disk-Based Assay Devices and
; Methods
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/120,049
; FILING DATE: 21-Jul-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/888,935
; FILING DATE: July 7, 1997
; APPLICATION NUMBER: 60/021,367
; FILING DATE: July 8, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 18950-18
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded DNA
; TOPOLOGY: linear

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; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-120-049-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3415 GGGCGCGCGCCCTGTGTGC 3432
DB 18 GGCGCCGCGCCCTGTGTGGC 1

RESULT 1139
US-08-276-776-51
; Sequence 51, Application US/08276776
; Patent No. 6207645
; GENERAL INFORMATION:
; APPLICANT: HOWELL, MARK D.
; APPLICANT: BROSTOFF, STEVEN W.
; APPLICANT: CARLO, DENNIS J.
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
; TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL AND FLORES
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES
; ZIP: 92122
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,776
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/813,867
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, CATHRYN
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 9107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-9001
; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-276-776-51

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTCCTCTCACTCTG 829
DB 1 GATTTCCTCTCACTCTG 18

RESULT 1140
US-09-115-027-2/c
; Sequence 2, Application US/09115027
; Patent No. 6242589
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Phosphorothioate Oligonucleotides Having Modified
; TITLE OF INVENTION: Internucleoside Linkages
; FILE REFERENCE: ISIS2953
; CURRENT APPLICATION NUMBER: US/09/115,027
; CURRENT FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6242589el
; OTHER INFORMATION: Sequence

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTCCTCTCACTCTG 829
DB 1 GATTTCCTCTCACTCTG 18

RESULT 1140
US-08-471-209-51
; Sequence 51, Application US/08471209
; Patent No. 6221352
```

US-09-115-027-2

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1575 GGTGGCCCGGGCGATGCA 1592
Db 18 GGTGGCCCTGGGGGATGCA 1

RESULT 1142

US-09-632-580A-65/c
; Sequence 65, Application US/09632580A
; Patent No. 6255111
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION
; FILE REFERENCE: RTS-0054
; CURRENT APPLICATION NUMBER: US/09/632.580A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-632-580A-65

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1359 GATGAAGATGATCGGAA 1376
Db 18 GATGAAGAGGATTTGGAA 1

RESULT 1143

US-09-437-076-3
; Sequence 3, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER APPLICATION NUMBER:
; EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-3

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2920 GGGCGGGCGGTGGGGGG 2937
Db 1 GGGGGGGGGGGGGGGG 18

RESULT 1144

US-09-437-076-4/c
; Sequence 4, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER APPLICATION NUMBER:
; EARLIER FILING DATE:
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Word for Windows
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-4

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2921 GCGGGCGGTGGGGGGC 2938
Db 18 GCGGGCGGGGGGGGGC 1

RESULT 1145

US-09-017-974-42/c
; Sequence 42, Application US/09017974
; Patent No. 6288042
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Wallace, Thomas L.
; APPLICANT: Cossum, Paul A.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1800
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/017,974
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,374
; FILING DATE: 04-FEB-97
; APPLICATION NUMBER:
; FILING DATE: 09-DEC-97
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06223

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end"
US-09-017-974-42

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGCGGGGGGGGGGGGG 1

RESULT 1146
US-09-017-974-43/c
; Sequence 43, Application US/09017974
; Patent No. 6288042
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Wallace, Thomas L.
; APPLICANT: Cossum, Paul A.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Tetrad Forming Oligonucleotides
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1800
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/017,974
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,374
; FILING DATE: 04-FEB-97
; APPLICATION NUMBER:
; FILING DATE: 09-DEC-97
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06223
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end and phosphorothioate
; OTHER INFORMATION: backbone"
US-09-017-974-43

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGCGGGGGGGGGGGGG 1

RESULT 1147
US-09-309-382-8/c
; Sequence 8, Application US/09309382
; Patent No. 6291214
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia
; APPLICANT: Weiner, Michael
; TITLE OF INVENTION: SYSTEM FOR GENERATING RECOMBINANT VIRUSES
; FILE REFERENCE: PU3481US2
; CURRENT APPLICATION NUMBER: US/09/309,382
; CURRENT FILING DATE: 1999-05-10
; EARLIER APPLICATION NUMBER: 60/084,936
; EARLIER FILING DATE: 1998-05-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: recognition
; OTHER INFORMATION: site
US-09-309-382-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3696 GCCAGTGCATGTGGCC 3713
Db 18 GCCCGGGCCATGTGGCC 1

RESULT 1148
US-08-483-211A-29
; Sequence 29, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 630985ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB lgt DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-08-483-211A-29
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 2228 CCTAGCAGCCACCTGTG 2245
;
; ||| || ||||| |||||
;
Db 1 CCCAAGAAGCCATCTGTG 18
;
;
RESULT 1149
US-09-394-137A-8/c
; Sequence 8, Application US/09394137A
; Patent No. 6312901
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Spatially Addressable, Cleavable Reflective
; Signal Elements, Assay Device and Method
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Openheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: MS Word
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/394,137A
; FILING DATE: 10-Sep-1999
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
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;
; APPLICATION NUMBER: 08/888,935
; FILING DATE: July 7, 1997
; APPLICATION NUMBER: 60/021,367
; FILING DATE: July 8, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 18950-16
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded DNA
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
;
US-09-394-137A-8
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 3415 GGGCGCGCGCTGTGTC 3432
;
; ||| ||||| ||||| ||
;
Db 18 GGGCGCGCGCTGTGTC 1
;
;
RESULT 1150
US-08-682-255A-42/c
; Sequence 42, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows '95
; SOFTWARE: MS Word 97 (saved as .txt file)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
```

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,
, FILING DATE: 23-APRIL-96
, ATTORNEY/AGENT INFORMATION:
, NAME: McDaniel, C. Steven
, REGISTRATION NUMBER: 33,962
, REFERENCE/DOCKET NUMBER: 1472-06214
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 713/238-8010
, TELEFAX: 713/238-8008
, INFORMATION FOR SEQ ID NO: 42:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 18 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: DNA (genomic)
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION: 18
, OTHER INFORMATION: /note= "Amine moiety
, OTHER INFORMATION: attached to 3' end"
US-08-682-255A-42

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGCGGGGGGGGGGGGG 1

RESULT 1151
US-08-682-255A-43/c
; Sequence 43 Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennwald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommer, Eyles
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanocine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
```

```
,
, APPLICATION NUMBER: 60/016,271
, FILING DATE: 23-APRIL-96
, ATTORNEY/AGENT INFORMATION:
, NAME: McDaniel, C. Steven
, REGISTRATION NUMBER: 33,962
, REFERENCE/DOCKET NUMBER: 1472-06214
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 713/238-8010
, TELEFAX: 713/238-8008
, INFORMATION FOR SEQ ID NO: 43:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 18 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: DNA (genomic)
, FEATURE:
, NAME/KEY: misc_feature
, LOCATION: 18
, OTHER INFORMATION: /note= "Amine moiety
, OTHER INFORMATION: attached to 3' end and phosphorothioate
, OTHER INFORMATION: backbone"
US-08-682-255A-43

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGCGGGGGGGGGGGGG 1

RESULT 1152
US-09-632-113-8/c
; Sequence 8, Application US/09632113
; Patent No. 6331275
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Spatially Addressable, Cleavable Reflective
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/632,113
; FILING DATE: 03-Aug-2000
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/419,407
; FILING DATE: October 15, 1999
; APPLICATION NUMBER: 09/394,137
; FILING DATE: September 10, 1999
; APPLICATION NUMBER: 08/888,935
; FILING DATE: July 7, 1997
; APPLICATION NUMBER: 60/030,416
; FILING DATE: No. 6331275ember 1, 1996
; APPLICATION NUMBER: 60/021,367
; FILING DATE: July 8, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 18950-17-1
```

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded DNA
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-632-113-8
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3415 GGGCGCGCGCCCTGTGTC 3432
DB 18 GGGCGCGCGCGTGTGGC 1

RESULT 1153
US-09-496-694B-34/C
; Sequence 34, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-34

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTTCAAGTTT 3463
DB 18 ATTAGATGTTTCAACTGT 1

RESULT 1154
US-09-496-694B-74/C
; Sequence 74, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
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; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-74

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTTCAAGTTT 3463
DB 18 ATTAGATGTTTCAACTGT 1

RESULT 1155
US-08-488-223A-29
; Sequence 29, Application US/08488223A
; Patent No. 6350730
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,223A
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6350730ember 30, 1994
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 19f DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-08-488-223A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; attached to 3' end and phosphorothioate
; backbone"
; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-429-130-43

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGGGCTGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGGG 1

RESULT 1158
US-08-666-341A-85/c
; Sequence 85, Application US/08666341A
; Patent No. 6365345
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Antisense nucleic Acids for the
; TITLE OF INVENTION: prevention and treatment of disorders in which expression
; TITLE OF INVENTION: of c-erbB plays a role
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
; STREET: 400 Seventh street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disc
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BFO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/666,341A
; FILING DATE: 15-AUG-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93120710.4
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-666-341A-85

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1939 GACCTGTACATGATCATG 1956
Db 18 GATGCTACATGATCATG 1

RESULT 1159
US-09-167-109-83
; Sequence 83, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
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; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 83
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-83

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2093 GTGGCCAGGACACCCCA 2110
Db 1 GAGGGCAGGACACCACCA 18

RESULT 1160
US-09-677-575-30/c
; Sequence 30, Application US/09677575
; Patent No. 6403351
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0790000
; CURRENT APPLICATION NUMBER: US/09/677,575
; CURRENT FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 09/220,081
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-677-575-30

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 852 CGAGGAGGAGCTGGTGA 869
Db 18 CGAGGTGGACCTGGTGAA 1

RESULT 1161
US-09-387-341-124
; Sequence 124, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
```



```
; ANTI-SENSE: NO
US-08-488-225A-29

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2228 CCTAGCAGCCACCCTG 2245
Db 1 CCCAAGAAGCCCATCTG 18

RESULT 1164
US-09-920-760-14/c
; Sequence 14, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RFS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-14

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3766 TTCGAAATAAGACA 3783
Db 18 TTCGAAATAAGACA 1

RESULT 1165
US-09-920-760-53/c
; Sequence 53, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RFS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-53

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3374 TAATTGCTGTGTGCCA 3391
Db 18 TCATTGCTGTGTGCCA 1

RESULT 1166
US-09-077-619-8
; Sequence 8, Application US/09077619
; Patent No. 650614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRICAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 663 CAAGTGGCGCCGACGG 680
Db 1 CGAGTGGCGCCGACGG 18

RESULT 1167
US-09-588-995A-31
; Sequence 31, Application US/09588995A
; Patent No. 6514697
; GENERAL INFORMATION:
; APPLICANT: PETERSEN, CAROLYN
; APPLICANT: BARNES, DEBRA A.
; APPLICANT: NELSON, RICHARD C.
; APPLICANT: GUT, JIRI
; TITLE OF INVENTION: METHODS FOR DETECTION OF CRYPTOSPORIDIUM SPECIES AND
; TITLE OF INVENTION: ISOLATES AND FOR DIAGNOSIS OF CRYPTOSPORIDIUM
; TITLE OF INVENTION: INFECTIONS
; FILE REFERENCE: 480.19-5
; CURRENT APPLICATION NUMBER: US/09/588,995A
; CURRENT FILING DATE: 2000-06-06
; PRIOR APPLICATION NUMBER: 08/827,171
; PRIOR FILING DATE: 1997-03-27
; PRIOR APPLICATION NUMBER: 08/928,361
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 08/700,651
; PRIOR FILING DATE: 1996-08-14
; PRIOR APPLICATION NUMBER: 08/415,751
; PRIOR FILING DATE: 1995-04-03
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-588-995A-31

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3768 CCGAAAAATAAGACACC 3785
Db 1 CCGAATAATGAGACACC 18

RESULT 1168
US-09-422-978-7380/c
; Sequence 7380, Application US/09422978
```

```
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7380
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-4139 for SEQ 3446,
US-09-422-978-7380

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 CAACGTGATGAAGATCGC 1676
Db 18 CAACTAGATGAAGAACGC 1

RESULT 1169
US-09-422-978-7710
Sequence 7710, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7710
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-12569 for SEQ 3776,
US-09-422-978-7710

Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CTAACACCAACCCGCAAGG 733
Db 1 CTAACACCAACCCGATGATG 18
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```
RESULT 1170
US-09-068-506-67
Sequence 67, Application US/09068506A
Patent No. 6569618
GENERAL INFORMATION:
APPLICANT: YASUE, Hirofumi
APPLICANT: YOSHIMURA, Kumamoto
TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
TITLE OF INVENTION: TWITCHING
FILE REFERENCE: 0032-245P
CURRENT APPLICATION NUMBER: US/09/068,506A
CURRENT FILING DATE: 1998-07-10
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 67
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primers
US-09-068-506-67
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Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2112 CTCGAGCTCCTCAGGGGA 2129
Db 1 CTCGAGCCCTTCAGATGA 18
```

```
RESULT 1171
US-08-983-605-285
Sequence 285, Application US/08983605A
Patent No. 6720137
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticeae and the Use of
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 285
LENGTH: 18
TYPE: DNA
ORGANISM: Triticum aestivum
US-08-983-605-285
```

```
Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 GCCTGTCATGCAAGCG 427
Db 1 GCCCGTCATGTAACG 18
```

```
RESULT 1172
US-09-556-390A-19/c
Sequence 19, Application US/09556390A
Patent No. 6770446
GENERAL INFORMATION:
APPLICANT: Young, Kathleen
APPLICANT: Cao, Jian
TITLE OF INVENTION: No. 6770446el Cell Systems Having Specific Interaction of Peptide
FILE REFERENCE: 1142.0081-03
CURRENT APPLICATION NUMBER: US/09/556,390A
```



```
; CURRENT FILING DATE: 2000-04-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-556-390A-19

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 783 GTACACTGCTGGCGGG 800
Db 18 GTCCACTGCGGCGCGG 1

RESULT 1173
US-09-696-791-4183/c
; Sequence 4183, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4183
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4183

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3018 CTGGACCTGTATTTGT 3035
Db 18 CTTGACCTGTAGTTTGT 1

RESULT 1174
PCT-US95-08605-29
; Sequence 29, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Vieble Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:

; CURRENT FILING DATE: 2000-04-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-556-390A-19

APPLICATION NUMBER: PCT/US95/08605
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: sequencing primer for exon 5 of human p53 gene
PCT-US95-08605-29

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1185 CCGGTGACCTGGGCAA 1202
Db 1 CCTGGGGACCTGGGCAA 18

RESULT 1175
PCT-US96-11786-42/c
; Sequence 42, Application PC/TUS9611786
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennwald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Eyles
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11786
; FILING DATE: 17-JULY-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
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/ APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
/ APPLICATION NUMBER: 60/015,714; 60/016,271
/ FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
/ FILING DATE: APRIL-96; 17-APRIL-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McDaniel, C. Steven
/ REGISTRATION NUMBER: 33,962
/ REFERENCE/DOCKET NUMBER: 1472-06214
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 713/238-8010
/ TELEFAX: 713/238-8008
/ INFORMATION FOR SEQ ID NO: 42:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ OTHER INFORMATION: attached to 3' end"
/ PCT-US96-11786-42
/
/ Query Match 0.3%; Score 13.2; DB 1; Length 18;
/ Best Local Similarity 83.3%; Pred. No. 8.8e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 2920 GGGCGGGCGTGGGGGGG 2937
/ Db 18 GGGGGGGGGGGGGGGGG 1
/
/ RESULT 1176
/ PCT-US96-11786-43/c
/ Sequence 43, Application PC/TUS9611786
/ GENERAL INFORMATION:
/ APPLICANT: Rando, Robert F.
/ APPLICANT: Pennewald, Susan
/ APPLICANT: Zendequi, Joseph G.
/ APPLICANT: Ojwang, Joshua O.
/ APPLICANT: Hogan, Michael E.
/ APPLICANT: Pommier, Byves
/ APPLICANT: Mazumder, Abhijit
/ TITLE OF INVENTION: Anti-Viral Guanosine-Rich
/ TITLE OF INVENTION: Oligonucleotides
/ NUMBER OF SEQUENCES: 52
/ CORRESPONDENCE ADDRESS:
/ STREET: Conley, Rose & Tayon, P.C.
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: U.S.A.
/ ZIP: 77002-2912
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US96/11786
/ FILING DATE: 17-JULY-1996
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
/ APPLICATION NUMBER: 60/015,714; 60/016,271
/ FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
/ FILING DATE: APRIL-96; 17-APRIL-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McDaniel, C. Steven
/ REGISTRATION NUMBER: 33,962
/ REFERENCE/DOCKET NUMBER: 1472-06214
```

```
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 713/238-8010
/ TELEFAX: 713/238-8008
/ INFORMATION FOR SEQ ID NO: 43:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ OTHER INFORMATION: attached to 3' end and phosphorothioate
/ OTHER INFORMATION: backbone"
/ PCT-US96-11786-43
/
/ Query Match 0.3%; Score 13.2; DB 1; Length 18;
/ Best Local Similarity 83.3%; Pred. No. 8.8e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 2920 GGGCGGGCGTGGGGGGG 2937
/ Db 18 GGGGGGGGGGGGGGGGG 1
/
/ RESULT 1177
/ US-09-150-661-6
/ Sequence 6, Application US/09150661
/ Patent No. 6455249
/ GENERAL INFORMATION:
/ APPLICANT: Hsu, Ih-Chang
/ APPLICANT: Highsmith Jr., William E.
/ APPLICANT: Shih, James
/ TITLE OF INVENTION: Method of Amplifying DNA and RNA Mismatch Cleavage
/ TITLE OF INVENTION: Products
/ FILE REFERENCE: 14751H
/ CURRENT APPLICATION NUMBER: US/09/150,661
/ CURRENT FILING DATE: 1998-09-10
/ EARLIER APPLICATION NUMBER: 60/058,419
/ EARLIER FILING DATE: 1997-09-10
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human breast tumor cell line
/ US-09-150-661-6
/
/ Query Match 0.3%; Score 13.2; DB 1; Length 20;
/ Best Local Similarity 83.3%; Pred. No. 1e+03;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 3701 GTGCATGGTGGCCAGAGG 3718
/ Db 2 GTGCAGGTGGCAAGTGG 19
/
/ RESULT 1178
/ US-09-622-277-10
/ Sequence 10, Application US/09622277
/ Patent No. 6521407
/ GENERAL INFORMATION:
/ APPLICANT: Warenhus, Hilmar Meek
/ APPLICANT: Seabra, Laurence Anthony
/ TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON
/ TITLE OF INVENTION: EXPRESSION OF NEGATIVE SIGNAL TRANSDUCTION FACTORS
/ FILE REFERENCE: 1417-188
/ CURRENT APPLICATION NUMBER: US/09/622,277
/ CURRENT FILING DATE: 2000-10-25
/ PRIOR APPLICATION NUMBER: PCT/GB99/00500
/ PRIOR FILING DATE: 1999-02-18
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; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: GB 9803446.5
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 antisense
US-09-622-277-10

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3701 GTGCATGGTGGCCAGG 3718
      ||||| ||||| ||||| |||||
Db 2 GTGCAGGGTGGCAAGTGG 19

RESULT 1179
US-09-489-868A-78/c
; Sequence 78, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-78

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2834 ATATATATATAACATATA 2851
      ||||| ||||| ||||| |||||
Db 20 ATATATTGTAAATGTA 3

RESULT 1180
US-08-344-960-4
; Sequence 4, Application US/08344960
; Patent No. 5710038
; GENERAL INFORMATION:
; APPLICANT: Mes-Masson, Anne-Marie
; APPLICANT: Provencher, Diane
; TITLE OF INVENTION: PRIMARY CULTURES OF NORMAL AND TUMORAL
; TITLE OF INVENTION: HUMAN OVARIAN EPITHELIUM
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: NJ

; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: GB 9803446.5
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 antisense
US-09-622-277-10

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3701 GTGCATGGTGGCCAGG 3718
      ||||| ||||| ||||| |||||
Db 2 GTGCAGGGTGGCAAGTGG 19

RESULT 1179
US-09-489-868A-78/c
; Sequence 78, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-78

Query Match          0.3%; Score 13.2; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3701 GTGCATGGTGGCCAGG 3718
      ||||| ||||| ||||| |||||
Db 4 GTGCAGGGTGGCAAGTGG 21

RESULT 1181
US-08-529-190B-8
; Sequence 8, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522,595
; FILING DATE: 01-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/53015
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-529-190B-8

Query Match 0.3%; Score 13.2; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGCTGTGGAG 870
DB 2 GAAGAGGAGCTGGAGGTG 19

RESULT 1182

US-08-529-190B-13/c
Sequence 13, Application US/08529190B
Patent No. 5833991

GENERAL INFORMATION:

APPLICANT: Masucci, Maria G.

TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES

TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM

NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Witcoff, Ltd.

STREET: One Financial Center

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Wordperfect 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/529,190B

FILING DATE: 15-SEP-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: S89501324-9

FILING DATE: 10-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/522,595

FILING DATE: 01-SEP-1995

ATTORNEY/AGENT INFORMATION:

NAME: Williams, Ph.D., Kathleen A

REGISTRATION NUMBER: 34,380

REFERENCE/DOCKET NUMBER: 3255/53015

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-345-9100

TELEFAX: 617-345-9111

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

US-08-529-190B-13

Query Match 0.3%; Score 13.2; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.2e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1426 CTGTACGTGCTGTGGAG 1443

DB 18 CTGGAGGTGCGGTGGAG 1

RESULT 1183

US-08-621-914A-1

Sequence 1, Application US/08621914A

Patent No. 5707807

GENERAL INFORMATION:

APPLICANT: KATO, KIKUYA

TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE

TITLE OF INVENTION: ANALYSIS

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 AVENUE OF THE AMERICAS

CITY: NEW YORK

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/621,914A

FILING DATE: 26-MAR-1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: LAWRENCE III, STANTON T.

REGISTRATION NUMBER: 25,736

REFERENCE/DOCKET NUMBER: 7005-107-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-9741

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: other nucleic acid

US-08-621-914A-1

Query Match 0.3%; Score 13.2; DB 1; Length 26;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTCA 3287

DB 1 TTTTITTTTTTTTTTTTTTTTTTTTA 26

RESULT 1184

US-08-621-914A-3

Sequence 3, Application US/08621914A

Patent No. 5707807

GENERAL INFORMATION:

APPLICANT: KATO, KIKUYA

TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE

TITLE OF INVENTION: ANALYSIS

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 AVENUE OF THE AMERICAS

CITY: NEW YORK

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,914A
FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
US-08-621-914A-3

Query Match 0.3%; Score 13.2; DB 1; Length 26;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTTTC 3335
DB 1 TTTTCTTTTATTTGCTTCTTTTCA 26

RESULT 1185
US-09-522-217-38
Sequence 38, Application US/09522217
Patent No. 6307024
GENERAL INFORMATION:
APPLICANT: No. 6307024ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/522,217
CURRENT FILING DATE: 2000-03-09
EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-522-217-38

Query Match 0.3%; Score 13.2; DB 1; Length 26;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3262 TATTTTATTTGCTTGTCTTTTCA 3287

DB 1 TTTTCTTTTATTTGCTTCTTTTCA 26

RESULT 1186
US-09-527-345-7
Sequence 7, Application US/09527345
Patent No. 6331413
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
FILE REFERENCE: 97-71
CURRENT APPLICATION NUMBER: US/09/527,345
CURRENT FILING DATE: 1999-03-17
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-527-345-7

Query Match 0.3%; Score 13.2; DB 1; Length 26;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3262 TATTTTATTTGCTTGTCTTTTCA 3287
DB 1 TTTTCTTTTATTTGCTTCTTTTCA 26

RESULT 1187
US-09-923-246-38
Sequence 38, Application US/09923246
Patent No. 6605272
GENERAL INFORMATION:
APPLICANT: No. 6605272ak, Julia E.
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/923,246
CURRENT FILING DATE: 2001-08-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

Query Match 0.3%; Score 13.2; DB 1; Length 26;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;

Query Match 0.3%; Score 13.2; DB 1; Length 30;
Best Local Similarity 69.2%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTTGG 3335
DB 30 TTTTCTTTAGGAGATTATTTTGG 5

RESULT 1191
US-08-787-321-12/c
; Sequence 12, Application US/08787321A
; Patent No. 6180777
; GENERAL INFORMATION:
; APPLICANT: HORN, THOMAS
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
; FILE REFERENCE: (1300)-1199.002
; CURRENT APPLICATION NUMBER: US/08/787,321A
; CURRENT FILING DATE: 1997-01-03
; EARLIER APPLICATION NUMBER: US PROV 60/009,918
; EARLIER FILING DATE: 1996-01-12
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-08-787-321-12

Query Match 0.3%; Score 13.2; DB 1; Length 30;
Best Local Similarity 69.2%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTTGG 3335
DB 30 TTTTCTTTAGGAGATTATTTTGG 5

RESULT 1192
5478746-1/c
; Patent No. 5478746
; APPLICANT: COHEN, JEFFREY I.; PURCELL, ROBERT H.; FEINSTONE, STEPHEN M.; TICEHURST, JOHN R.
; TITLE OF INVENTION: CDNA ENCODING ATTENUATED CELL CULTURE
; ADAPTED HEPATITIS A VIRUS GENOME
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/120,646
; FILING DATE: 13-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 789,640
; FILING DATE: 12-NOV-1991
; APPLICATION NUMBER: 462,916
; FILING DATE: 12-JAN-1990
; APPLICATION NUMBER: 88,220
; FILING DATE: 24-AUG-1987
; APPLICATION NUMBER: 905,146
; FILING DATE: 09-SEP-1986
; APPLICATION NUMBER: 652,067
; FILING DATE: 19-SEP-1984
; APPLICATION NUMBER: 366,165
; FILING DATE: 07-APR-1982
; SEQ ID NO:1:
; LENGTH: 33
5478746-1

Query Match 0.3%; Score 13.2; DB 1; Length 33;
Best Local Similarity 69.2%; Pred. No. 1.5e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3260 GATATTTATTTGCTTTGTCCTTTT 3285
DB 30 GCTTTTTTTTTTTTTTTTTTTTTT 5

RESULT 1193
US-08-849-021-13/c
; Sequence 13, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-849-021-13

Query Match 0.3%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGT 2330
DB 13 TGTGTGTGTGTGT 1

RESULT 1194
US-08-849-021-15
; Sequence 15, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC

;; TITLE OF INVENTION: POLYMORPHISMS
;; NUMBER OF SEQUENCES: 89
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
;; ADDRESSEE: COMPANY
;; STREET: 1007 MARKET STREET
;; CITY: WILMINGTON
;; STATE: DELAWARE
;; COUNTRY: U.S.A.
;; ZIP: 19898
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: FLOPPY DISK
;; COMPUTER: IBM PC COMPATIBLE
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
;; CURRENT APPLICATION NUMBER: US/08/849,021
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/346,456
;; FILING DATE: 28 NOVEMBER 1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: FLOYD, LINDA AXAMETHY
;; REGISTRATION NUMBER: 33,692
;; REFERENCE/DOCKET NUMBER: BB-1064-A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 302-892-8112
;; TELEFAX: 302-992-7949
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 13 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-849-021-15

Query Match 0.3%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGT 2330
DB 1 TGTGTGTGTGTGT 13

RESULT 1195
US-09-393-783A-41
; Sequence 41, Application US/09393783A
; Patent No. 6355428
; GENERAL INFORMATION:
; APPLICANT: Schroth, Gary P.
; APPLICANT: Bruice, Thomas Wayne
; APPLICANT: Suh, Young J.
; TITLE OF INVENTION: Nucleic Acid Ligand Interaction Assays
; FILE REFERENCE: 4600-0128.30
; CURRENT APPLICATION NUMBER: US/09/393,783A
; CURRENT FILING DATE: 1999-10-09
; PRIOR APPLICATION NUMBER: US 09/151,890
; PRIOR FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: (1)-(13)
; OTHER INFORMATION: synthesized test oligonucleotide for binding
US-09-393-783A-41

Query Match 0.3%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2331
DB 1 GTGTGTGTGTGTG 13

RESULT 1196
US-09-151-890B-41
; Sequence 41, Application US/09151890B
; Patent No. 6420109
; GENERAL INFORMATION:
; APPLICANT: Gary P. Schroth
; APPLICANT: Thomas Wayne Bruice
; APPLICANT: Young J. Suh
; TITLE OF INVENTION: Nucleic Acid Ligand Interaction Assays
; FILE REFERENCE: 4600-0128
; CURRENT APPLICATION NUMBER: US/09/151,890B
; CURRENT FILING DATE: 1998-09-11
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: (1)-(13)
; OTHER INFORMATION: synthesized test oligonucleotide for binding
US-09-151-890B-41

Query Match 0.3%; Score 13; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2331
DB 1 GTGTGTGTGTGTG 13

RESULT 1197
US-09-913-514-27
; Sequence 27, Application US/09913514
; Patent No. 6653089
; GENERAL INFORMATION:
; APPLICANT: GOMI, Yasuyuki
; APPLICANT: SUNAMACHI, Hiroki
; APPLICANT: TAKAHASHI, Michiaki
; APPLICANT: YAMANISHI, Koichi
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella Live Vaccine
; FILE REFERENCE: 0216-0454P
; CURRENT APPLICATION NUMBER: US/09/913,514
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: PCT/JP01/00678
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000-62734
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Varicella virus
US-09-913-514-27

Query Match 0.3%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


```

; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; . APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-311-486C-147

Query Match 0.3%; Score 13; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 7.3e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 88 GGGGGCTACAGCT 100
Db - 1 GGGGCCUACAGCU 13
|||||:|||||:

RESULT 1200
PCT-US93-12600-12
; Sequence 12, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; ADDRESSEE: Milnamow, Ltd.
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312)616-5400
; TELEFAX: (312)616-5460
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-12
Query Match      0.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      619 CAGCCCCACATCC 631
      |||||
Db      2 CAGCCCCACATCC 14

RESULT 1201
US-08-753-147-182
; Sequence 182, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-753-147-182

Query Match      0.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1894 CTGACGAGGGGCC 1906
      |||||
Db      2 CTGACGAGGGGCC 14

RESULT 1202
US-09-371-772B-7103
; Sequence 7103, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7103
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7103

Query Match      0.3%; Score 13; DB 1; Length 16;
Best Local Similarity 84.6%; Pred. No. 8e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1794 CCAGAGTGACGTC 1806
      |||||
Db      4 CCAGAGTGACGTC 16

RESULT 1203
US-08-390-850-612
; Sequence 612, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
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; INFORMATION FOR SEQ ID NO: 612:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-390-850-612

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 8.7e+02;
Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2685 CCAGGCTTCCCA 2697
|||:|||||
Db 2 CCAGGCUUCCCA 14

RESULT 1204

US-08-390-850-613
; Sequence 613, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 613:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-390-850-613

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 8.7e+02;
Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2685 CCAGGCTTCCCA 2697
|||:|||||
Db 1 CCAGGCUUCCCA 13

RESULT 1205

US-08-434-503-1
; Sequence 1, Application US/08434503
; Patent No. 5616490
; GENERAL INFORMATION:
; APPLICANT: Sean M. Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: TREATMENT OF INFLAMMATORY
; TITLE OF INVENTION: DISEASE
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/434,503
; FILING DATE: 04-MAY-1995
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/008,895
; FILING DATE: 19-JAN-1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 200/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-434-503-1

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2972 AGCAGAGGACCAG 2984
|||:|||||
Db 2 AGCAGAGGACCAG 14

RESULT 1206

US-08-373-124A-1060/C
; Sequence 1060, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

```

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1060

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2833 TATATATATATAA 2845
Db 13 TATATATATATAA 1

RESULT 1207
US-08-373-124A-1517
; Sequence 1517, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

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; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1517

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3078 AACACTTCCAGCA 3090
Db 3 AACACUCCAGCA 15

RESULT 1208
US-08-373-124A-1519
; Sequence 1519, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1519:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1519

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Query Match          0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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Qy 3078 AACACTTCCAGCA 3090
Db 2 AACACUCCAGCA 14

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RESULT 1209

```

; US-08-435-634-612
; Sequence 612, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487

```

```

; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 612:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-634-612

```

```

Query Match          0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 8.7e+02;
Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 2685 CCAGGCTTCCCA 2697
Db 2 CCAGGCUUCCCA 14

```

RESULT 1210

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; US-08-435-634-613
; Sequence 613, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 613:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-613

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 8.7e+02;
Matches 10; Conservative 3; Mismatches 0; Indels 0;

QY 2685 CCAGGCTTCCCA 2697
DB 1 CCAGGCUUCCCA 13

RESULT 1211
US-08-758-306-1293
Sequence 1293, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1293:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-1293

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0;

QY 991 CTGGGCTCCCCA 1003
DB 2 CUGGCUUCCCA 14

RESULT 1212
US-08-435-628-1060/c
Sequence 1060, Application US/08435628
Patent No. 5817796

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1060:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1060

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0;

QY 2833 TATATATATATA 2845
DB 13 TATATATATATA 1

RESULT 1213
US-08-435-628-1517
; Sequence 1517, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-1517
Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 84.8%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 3078 AACACTTCACGCA 3090
Db 3 AACACUCCAGCA 15
RESULT 1214
US-08-435-628-1519
; Sequence 1519, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1519:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-1519
Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 3078 AACACTTCACGCA 3090
Db 2 AACACUCCAGCA 14
RESULT 1215
US-08-584-040-7864
; Sequence 7864, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7864:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7864

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 8.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142
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Db 2 UGCCACUUCAGUG 14

RESULT 1216
US-08-584-040-7865
/ Sequence 7865, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:

/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7865:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7865

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 8.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142
:||||:||||:
Db 1 UGCCACUUCAGUG 13

RESULT 1217
US-09-474-432B-324
/ Sequence 324, Application US/0947432B
/ Patent No. 6528640
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Burgin, Alex
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka
/ APPLICANT: Sweedler, David
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleoti
/ FILE REFERENCE: MBHB00-831-B (247/276)
/ CURRENT APPLICATION NUMBER: US/09/474,432B
/ CURRENT FILING DATE: 1999-12-19
/ PRIOR APPLICATION NUMBER: US 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ PRIOR APPLICATION NUMBER: US 60/084,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: US 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: US 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ NUMBER OF SEQ ID NOS: 1526
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 324
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
/ US-09-474-432B-324

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 8.7e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1973 CGCGGCCCTCCCA 1985
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 Db 5 CGCGGCCCUCCCA 17

RESULT 1218
 US-09-371-772B-3647
 ; Sequence 3647, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Favco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3647
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3647

Query Match 0.3%; Score 13; DB 1; Length 17;
 Best Local Similarity 69.2%; Pred. No. 8.7e+02;
 Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142
 :|||||:|||||
 Db 2 UGCCACUUCAGUG 14

RESULT 1219
 US-09-371-772B-3648
 ; Sequence 3648, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Favco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3648
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3648

Query Match 0.3%; Score 13; DB 1; Length 17;
 Best Local Similarity 69.2%; Pred. No. 8.7e+02;
 Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142
 :|||||:|||||
 Db 1 UGCCACUUCAGUG 13

RESULT 1220
 US-09-476-387-323
 ; Sequence 323, Application US/09476387
 ; Patent No. 6617438
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka Matulic
 ; APPLICANT: Sneedler, Dave
 ; APPLICANT: Zinn, Shawn
 ; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
 ; FILE REFERENCE: MBH00-831-C (249/073)
 ; CURRENT APPLICATION NUMBER: US/09/476,387
 ; CURRENT FILING DATE: 2001-04-04
 ; PRIOR APPLICATION NUMBER: 09/474,432
 ; PRIOR FILING DATE: 1999-12-29
 ; PRIOR APPLICATION NUMBER: 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; PRIOR APPLICATION NUMBER: 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: 60/083,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; NUMBER OF SEQ ID NOS: 1524
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 323
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-476-387-323

Query Match 0.3%; Score 13; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 8.7e+02;
 Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1973 CGCGGCCCTCCCA 1985
 :|||||:|||||
 Db 5 CGCGGCCCUCCCA 17

RESULT 1221
 US-09-866-108A-1534
 ; Sequence 1534, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1534
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1534

Query Match      0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      13 GGGCTGGTGCCCT 25
DB      5 GGGCTGGTGCCCT 17

RESULT 1222
US-09-866-108A-1535
; Sequence 1535, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1535
; LENGTH: 17
; TYPE: DNA

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; ORGANISM: Homo sapiens
US-09-866-108A-1535

Query Match      0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      13 GGGCTGGTGCCCT 25
DB      4 GGGCTGGTGCCCT 16

RESULT 1223
US-09-711-619-6/c
; Sequence 6, Application US/09711619
; Patent No. 6750380
; GENERAL INFORMATION:
; APPLICANT: Johal, Gurmukh S
; APPLICANT: Multani, Dilbag S
; TITLE OF INVENTION: SORGHUM DWARFING GENES AND METHODS OF USE
; FILE REFERENCE: 5718-100 (035718/205458)
; CURRENT APPLICATION NUMBER: US/09/711,619
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: 60/165,176
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: primer designed from sequence of Zea mays Br2 gene
US-09-711-619-6

Query Match      0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1477 CGGCGCGGCGGC 1489
DB      13 CGGCGCGGCGGC 1

Search completed: October 28, 2004, 12:11:42
Job time : 88 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 12:19:39 ; Search time 102 Seconds
(without alignments)
3.661 Million cell updates/sec

Title: US-10-630-401-10

Perfect score: 3799

Sequence: 1 aaggatggcagcagggtgtg.....gacacctgtgtgtaacctg 3799

Scoring table: IDENTITY NUC

Gapop 10_0 , Gapext 0.5

Searched: 2392 seqs, 49143 residues

Total number of hits satisfying chosen parameters: 4784

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1523 summaries

Database : rnpb10.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	35.2	0.9	48	1	US-09-852-903C-29
C 3	35.2	0.9	48	1	US-10-085-906-234
C 4	35.2	0.9	48	1	US-10-085-906-360
C 5	34.2	0.9	47	1	US-09-263-959-571
C 6	34.2	0.9	48	1	US-09-571-353-28
C 7	34.2	0.9	48	1	US-10-085-906-114
C 8	34.2	0.9	48	1	US-10-085-906-306
C 9	33.8	0.9	38	1	US-09-852-903C-24
C 10	33.8	0.9	39	1	US-09-263-959-678
C 11	33.8	0.9	40	1	US-09-852-903C-25
C 12	33.8	0.9	40	1	US-10-561-088-24
C 13	33.8	0.9	40	1	US-10-561-097-24
C 14	33.8	0.9	40	1	US-10-561-355-24
C 15	33.8	0.9	40	1	US-10-661-099-24
C 16	33.8	0.9	41	1	US-09-263-959-495
C 17	33.8	0.9	42	1	US-09-852-903C-26
C 18	33.8	0.9	44	1	US-09-852-903C-27
C 19	33.8	0.9	44	1	US-10-085-906-216
C 20	33.8	0.9	44	1	US-10-085-906-342
C 21	33.8	0.9	46	1	US-09-852-903C-28
C 22	33.8	0.9	46	1	US-09-571-353-33
C 23	33.8	0.9	48	1	US-09-263-959-775
C 24	33	0.9	41	1	US-10-146-575-46
C 25	32.8	0.9	36	1	US-09-852-903C-23
C 26	32.8	0.9	36	1	US-09-509-317-7
C 27	32.4	0.9	34	1	US-09-852-903C-22
C 28	32.2	0.8	44	1	US-09-263-959-797
C 29	30.8	0.8	34	1	US-09-263-959-711
C 30	30.6	0.8	31	1	US-09-801-274-957
C 31	30.6	0.8	31	1	US-09-801-274-958
C 32	30.6	0.8	31	1	US-09-801-274-959
C 33	30.6	0.8	31	1	US-09-801-274-960
C 34	30.4	0.8	34	1	US-09-852-903C-21
C 35	30.4	0.8	32	1	US-10-723-940-10
C 36	29.4	0.8	31	1	US-10-085-906-27
C 37	28.8	0.8	41	1	US-10-035-833A-117
C 38	28.8	0.8	41	1	US-10-035-833A-5456
C 39	28.6	0.8	36	1	US-10-267-209-2
C 40	28.4	0.7	30	1	US-10-085-908-93
C 41	25.8	0.7	29	1	US-09-263-959-665
C 42	25.8	0.7	29	1	US-09-953-563-1
C 43	25.4	0.7	27	1	US-09-735-363A-1
C 44	25.4	0.7	27	1	US-09-735-363A-5
C 45	25.4	0.7	27	1	US-09-735-363A-66
C 46	25.4	0.7	27	1	US-09-263-953-770
C 47	25.4	0.7	27	1	US-10-168-327-2
C 48	25.2	0.7	30	1	US-09-263-959-600
C 49	25	0.7	25	1	US-10-055-728-105
C 50	25	0.7	25	1	US-10-310-677-105
C 51	25	0.7	26	1	US-10-403-161-141
C 52	25	0.7	26	1	US-10-403-161-144
C 53	25	0.7	26	1	US-10-403-161-147
C 54	24	0.6	24	1	US-10-055-728-106
C 55	24	0.6	24	1	US-10-310-677-106
C 56	23.6	0.6	33	1	US-10-600-230-62
C 57	23	0.6	23	1	US-10-450-859-14
C 58	22.4	0.6	24	1	US-09-735-363A-21
C 59	22.4	0.6	24	1	US-09-735-363A-22
C 60	22.4	0.6	24	1	US-09-776-479-1068
C 61	22.4	0.6	24	1	US-09-776-479-1068
C 62	22.4	0.6	24	1	US-09-909-317-6
C 63	22.4	0.6	24	1	US-10-112-653-1012
C 64	22.4	0.6	24	1	US-10-017-995-1068
C 65	22.4	0.6	24	1	US-10-314-578-1068
C 66	22.4	0.6	24	1	US-10-374-307-7
C 67	22.4	0.6	24	1	US-10-374-307-12
C 68	22.2	0.6	27	1	US-10-085-906-363
C 69	22	0.6	22	1	US-09-953-047-6
C 70	22	0.6	22	1	US-10-462-896-21
C 71	22	0.6	22	1	US-10-462-896-22
C 72	22	0.6	22	1	US-10-403-161-148
C 73	22	0.6	22	1	US-10-630-401-6
C 74	22	0.6	22	1	US-10-626-772-47
C 75	22	0.6	24	1	US-09-953-562-24
C 76	22	0.6	25	1	US-10-085-906-111
C 77	22	0.6	25	1	US-10-085-906-303
C 78	22	0.6	31	1	US-09-999-2208-27
C 79	22	0.6	31	1	US-09-999-2208-86
C 80	22	0.6	31	1	US-09-999-2208-98
C 81	21	0.6	21	1	US-09-953-047-5
C 82	21	0.6	21	1	US-10-403-161-142
C 83	21	0.6	21	1	US-10-403-161-145
C 84	21	0.6	21	1	US-10-630-401-5
C 85	20.6	0.5	27	1	US-09-953-563-2
C 86	20.6	0.5	27	1	US-10-773-951-54
C 87	20.4	0.5	24	1	US-09-953-562-25
C 88	20.4	0.5	24	1	US-10-374-307-9
C 89	20.4	0.5	24	1	US-10-374-307-9
C 90	20.4	0.5	25	1	US-10-085-906-318
C 91	20.4	0.5	25	1	US-10-085-906-318
C 92	20.4	0.5	26	1	US-10-085-906-162
C 93	20.4	0.5	26	1	US-10-085-906-162
C 94	20.2	0.5	25	1	US-10-098-2638-58579
C 95	20.2	0.5	25	1	US-10-098-2638-58580
C 96	20.2	0.5	25	1	US-10-716-029-50
C 97	20	0.5	20	1	US-09-953-047-20
C 98	20	0.5	20	1	US-09-953-047-20
C 99	20	0.5	20	1	US-09-953-047-22
C 100	20	0.5	20	1	US-09-953-047-23
C 101	20	0.5	20	1	US-09-953-047-24
C 102	20	0.5	20	1	US-09-953-047-25
C 103	20	0.5	20	1	US-09-953-047-26
C 104	20	0.5	20	1	US-09-953-047-27
C 105	20	0.5	20	1	US-09-953-047-29
C 106	20	0.5	20	1	US-09-953-047-30

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Sequence 10, Appl
Sequence 27, Appl
Sequence 117, Appl
Sequence 5456, Ap
Sequence 2, Appl
Sequence 93, Appl
Sequence 665, App
Sequence 1, Appl
Sequence 1, Appl
Sequence 5, Appl
Sequence 66, Appl
Sequence 770, App
Sequence 2, Appl
Sequence 600, App
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Sequence 105, App
Sequence 141, App
Sequence 144, App
Sequence 147, App
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Sequence 106, App
Sequence 62, Appl
Sequence 14, Appl
Sequence 21, Appl
Sequence 22, Appl
Sequence 1068, Ap
Sequence 1068, Ap
Sequence 6, Appl
Sequence 1012, Ap
Sequence 1068, Ap
Sequence 1068, Ap
Sequence 7, Appl
Sequence 12, Appl
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Sequence 6, Appl
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Sequence 148, App
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Sequence 47, Appl
Sequence 24, Appl
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Sequence 27, Appl
Sequence 86, Appl
Sequence 98, Appl
Sequence 5, Appl
Sequence 142, App
Sequence 145, App
Sequence 5, Appl
Sequence 2, Appl
Sequence 54, Appl
Sequence 25, Appl
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Sequence 318, App
Sequence 162, App
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Sequence 50, Appl
Sequence 21, Appl
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Sequence 23, Appl
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Sequence 30, Appl

399	17.2	0.5	23	1	US-10-075-846-40	Sequence 40, Appl	C 472	16.8	0.4	20	1	US-09-263-959-596	Sequence 596, App
400	17.2	0.5	23	1	US-10-056-884-33	Sequence 33, Appl	C 473	16.8	0.4	20	1	US-10-167-5470-C-42	Sequence 42, Appl
401	17.2	0.5	23	1	US-10-080-980-30	Sequence 30, Appl	C 474	16.8	0.4	20	1	US-10-319-893-53	Sequence 53, Appl
402	17.2	0.5	23	1	US-10-082-135-40	Sequence 40, Appl	C 475	16.8	0.4	20	1	US-10-319-893-128	Sequence 128, App
403	17.2	0.5	23	1	US-10-086-156-60	Sequence 60, Appl	C 476	16.8	0.4	20	1	US-10-671-395-1147	Sequence 1147, Ap
404	17.2	0.5	23	1	US-10-081-775-30	Sequence 30, Appl	C 477	16.8	0.4	20	1	US-10-671-395-1158	Sequence 1158, Ap
405	17.2	0.5	23	1	US-10-092-771-43	Sequence 43, Appl	C 478	16.8	0.4	20	1	US-10-671-395-1388	Sequence 1388, Ap
406	17.2	0.5	23	1	US-10-067-443-35	Sequence 35, Appl	C 479	16.8	0.4	20	1	US-10-671-395-1396	Sequence 1396, Ap
407	17.2	0.5	23	1	US-10-104-943-96	Sequence 96, Appl	C 480	16.8	0.4	20	1	US-10-659-473-23	Sequence 23, Appl
408	17.2	0.5	23	1	US-10-120-604-142	Sequence 142, App	C 481	16.8	0.4	21	1	US-10-118-783-93	Sequence 93, Appl
409	17.2	0.5	23	1	US-10-067-649-56	Sequence 56, Appl	C 482	16.8	0.4	21	1	US-10-786-720-11535	Sequence 11535, A
410	17.2	0.5	23	1	US-10-067-800-25	Sequence 25, Appl	C 483	16.8	0.4	21	1	US-10-786-720-11544	Sequence 11544, A
411	17.2	0.5	23	1	US-10-133-797-34	Sequence 34, Appl	C 484	16.8	0.4	21	1	US-10-786-720-17095	Sequence 17095, A
412	17.2	0.5	23	1	US-10-174-613-55	Sequence 55, Appl	C 485	16.8	0.4	21	1	US-10-786-720-17107	Sequence 17107, A
413	17.2	0.5	23	1	US-10-071-458-42	Sequence 42, Appl	C 486	16.8	0.4	21	1	US-10-786-720-17455	Sequence 17455, A
414	17.2	0.5	23	1	US-10-116-519-107	Sequence 107, App	C 487	16.8	0.4	21	1	US-10-786-720-17457	Sequence 17457, A
415	17.2	0.5	23	1	US-10-173-461-30	Sequence 30, Appl	C 488	16.8	0.4	21	1	US-10-786-720-18280	Sequence 18280, A
416	17.2	0.5	23	1	US-10-153-604A-35	Sequence 35, Appl	C 489	16.8	0.4	21	1	US-10-786-720-18292	Sequence 18292, A
417	17.2	0.5	23	1	US-10-341-226-14	Sequence 14, Appl	C 490	16.8	0.4	21	1	US-10-786-720-18643	Sequence 18643, A
418	17.2	0.5	23	1	US-10-153-244-274	Sequence 274, App	C 491	16.8	0.4	21	1	US-10-786-720-18645	Sequence 18645, A
419	17.2	0.5	23	1	US-10-199-869-43	Sequence 43, Appl	C 492	16.8	0.4	22	1	US-09-263-959-753	Sequence 753, App
420	17.2	0.5	23	1	US-10-210-152-272	Sequence 272, App	C 493	16.8	0.4	22	1	US-09-912-679-60	Sequence 60, Appl
421	17.2	0.5	23	1	US-10-234-951A-28	Sequence 28, Appl	C 494	16.8	0.4	22	1	US-09-466-035-60	Sequence 16, Appl
422	17.2	0.5	23	1	US-10-135-839-25	Sequence 25, Appl	C 495	16.8	0.4	23	1	US-09-988-899-16	Sequence 17, Appl
423	17.2	0.5	23	1	US-10-159-339-49	Sequence 49, Appl	C 496	16.8	0.4	23	1	US-09-988-899-17	Sequence 85, Appl
424	17.2	0.5	23	1	US-10-120-398-38	Sequence 38, Appl	C 497	16.8	0.4	23	1	US-09-911-904-85	Sequence 3, Appl
425	17.2	0.5	23	1	US-10-120-414-38	Sequence 38, Appl	C 498	16.8	0.4	23	1	US-10-319-221-3	Sequence 3, Appl
426	17.2	0.5	23	1	US-10-120-377-38	Sequence 38, Appl	C 499	16.8	0.4	24	1	US-10-110-707A-53	Sequence 53, Appl
427	17.2	0.5	23	1	US-10-322-673-8	Sequence 8, Appl	C 500	16.8	0.4	24	1	US-10-737-252-300	Sequence 300, App
428	17.2	0.5	23	1	US-10-264-171-21	Sequence 21, Appl	C 501	16.8	0.4	36	1	US-09-828-034-4	Sequence 4, Appl
429	17.2	0.5	23	1	US-10-271-078-55	Sequence 55, Appl	C 502	16.6	0.4	23	1	US-09-973-025-106	Sequence 106, App
430	17.2	0.5	23	1	US-10-139-785-8	Sequence 8, Appl	C 503	16.6	0.4	23	1	US-09-899-303-106	Sequence 106, App
431	17.2	0.5	23	1	US-10-295-693-56	Sequence 56, Appl	C 504	16.6	0.4	23	1	US-09-995-808-106	Sequence 106, App
432	17.2	0.5	23	1	US-10-350-516-38	Sequence 38, Appl	C 505	16.6	0.4	23	1	US-09-995-860-106	Sequence 106, App
433	17.2	0.5	23	1	US-10-319-315-61	Sequence 61, Appl	C 506	16.6	0.4	23	1	US-09-995-791-106	Sequence 106, App
434	17.2	0.5	23	1	US-10-411-284-15	Sequence 15, Appl	C 507	16.6	0.4	23	1	US-10-357-448-34	Sequence 34, Appl
435	17.2	0.5	23	1	US-10-405-793-272	Sequence 272, App	C 508	16.6	0.4	23	1	US-10-649-413-6	Sequence 6, Appl
436	17.2	0.5	23	1	US-10-126-103-172	Sequence 172, App	C 509	16.6	0.4	23	1	US-10-321-798-106	Sequence 106, App
437	17.2	0.5	23	1	US-10-232-486-8	Sequence 8, Appl	C 510	16.4	0.4	18	1	US-09-888-326-85	Sequence 85, Appl
438	17.2	0.5	23	1	US-10-238-215-13	Sequence 13, Appl	C 511	16.4	0.4	18	1	US-09-888-326-85	Sequence 85, Appl
439	17.2	0.5	23	1	US-10-390-585-70	Sequence 70, Appl	C 512	16.4	0.4	19	1	US-09-263-959-836	Sequence 836, App
440	17.2	0.5	23	1	US-10-649-273-35	Sequence 35, Appl	C 513	16.4	0.4	19	1	US-10-665-951-390	Sequence 390, App
441	17.2	0.5	23	1	US-10-651-722-35	Sequence 35, Appl	C 514	16.4	0.4	19	1	US-10-665-951-817	Sequence 817, App
442	17.2	0.5	23	1	US-10-351-891-14	Sequence 14, Appl	C 515	16.4	0.4	20	1	US-09-967-655-59	Sequence 59, Appl
443	17.2	0.5	23	1	US-10-334-360-17	Sequence 17, Appl	C 516	16.4	0.4	20	1	US-09-961-001-59	Sequence 59, Appl
444	17.2	0.5	23	1	US-10-431-096-172	Sequence 172, App	C 517	16.4	0.4	20	1	US-10-671-395-1098	Sequence 1098, Ap
445	17.2	0.5	23	1	US-10-803-622-83	Sequence 83, Appl	C 518	16.4	0.4	21	1	US-09-232-785-5	Sequence 5, Appl
446	17.2	0.5	23	1	US-10-803-653-83	Sequence 83, Appl	C 519	16.4	0.4	21	1	US-10-371-961-28	Sequence 28, Appl
447	17.2	0.5	23	1	US-10-615-659-69	Sequence 69, Appl	C 520	16.4	0.4	21	1	US-10-371-443-28	Sequence 28, Appl
448	17.2	0.5	23	1	US-10-635-977-69	Sequence 69, Appl	C 521	16.4	0.4	21	1	US-10-379-866-28	Sequence 28, Appl
449	17.2	0.5	26	1	US-10-085-906-357	Sequence 357, App	C 522	16.4	0.4	21	1	US-10-371-962-28	Sequence 205, App
450	17	0.4	17	1	US-09-988-221A-18	Sequence 18, Appl	C 523	16.4	0.4	21	1	US-10-452-510-205	Sequence 205, App
451	17	0.4	17	1	US-09-953-047-4	Sequence 20, Appl	C 524	16.4	0.4	21	1	US-10-617-334-205	Sequence 205, App
452	17	0.4	17	1	US-10-630-401-4	Sequence 4, Appl	C 525	16.4	0.4	21	1	US-10-665-971-28	Sequence 28, Appl
453	17	0.4	17	1	US-10-138-674-8257	Sequence 8257, Ap	C 526	16.4	0.4	21	1	US-10-745-377-119	Sequence 119, App
454	17	0.4	17	1	US-10-138-674-8258	Sequence 8258, Ap	C 527	16.4	0.4	21	1	US-10-774-118-28	Sequence 28, Appl
455	17	0.4	17	1	US-10-138-674-8258	Sequence 8258, Ap	C 528	16.4	0.4	21	1	US-10-744-465-205	Sequence 205, App
456	17	0.4	17	1	US-10-138-674-8983	Sequence 8983, Ap	C 529	16.4	0.4	21	1	US-10-833-679-205	Sequence 205, App
457	17	0.4	17	1	US-10-287-949A-8257	Sequence 8257, Ap	C 530	16.4	0.4	23	1	US-09-144-886-15	Sequence 15, Appl
458	17	0.4	17	1	US-10-287-949A-8258	Sequence 8258, Ap	C 531	16.4	0.4	23	1	US-10-632-706-13	Sequence 13, Appl
459	17	0.4	17	1	US-10-287-949A-8983	Sequence 8983, Ap	C 532	16.4	0.4	24	1	US-10-085-906-21	Sequence 21, Appl
460	17	0.4	18	1	US-09-735-363A-17	Sequence 17, Appl	C 533	16.4	0.4	27	1	US-10-085-906-363	Sequence 363, App
461	17	0.4	18	1	US-09-735-363A-18	Sequence 18, Appl	C 534	16.4	0.4	28	1	US-10-085-906-147	Sequence 147, App
462	17	0.4	18	1	US-09-896-650A-28	Sequence 28, Appl	C 535	16.4	0.4	39	1	US-10-219-195-38	Sequence 38, Appl
463	17	0.4	18	1	US-10-011-204-1	Sequence 1, Appl	C 536	16.2	0.4	21	1	US-10-085-906-412	Sequence 412, App
464	17	0.4	18	1	US-10-011-204-2	Sequence 2, Appl	C 537	16.2	0.4	21	1	US-10-085-906-472	Sequence 472, App
465	17	0.4	20	1	US-10-189-267-141	Sequence 141, App	C 538	16.2	0.4	21	1	US-10-083-246A-108	Sequence 108, Appl
466	17	0.4	20	1	US-10-189-267-262	Sequence 262, App	C 539	16.2	0.4	21	1	US-10-309-548-18	Sequence 18, Appl
467	17	0.4	20	1	US-10-671-395-1191	Sequence 1191, Ap	C 540	16.2	0.4	21	1	US-10-648-593-557	Sequence 557, App
468	17	0.4	21	1	US-10-786-720-11539	Sequence 11539, A	C 541	16.2	0.4	21	1	US-10-786-720-11536	Sequence 11536, A
469	16.8	0.4	20	1	US-09-969-373-2420	Sequence 2420, Ap	C 542	16.2	0.4	21	1	US-10-786-720-11664	Sequence 11664, A
470	16.8	0.4	20	1	US-09-969-373-2422	Sequence 2422, Ap	C 543	16.2	0.4	21	1	US-10-786-720-12985	Sequence 12985, A
471	16.8	0.4	20	1	US-09-263-959-596	Sequence 596, App	C 544	16.2	0.4	21	1	US-10-786-720-17098	Sequence 17098, A

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c 546	16.2	0.4	21	1	US-10-786-720-17104	Sequence 17104, A	c 619	15.8	0.4	20	1	US-09-920-677-24	Sequence 24, Appl
c 547	16.2	0.4	21	1	US-10-786-720-17614	Sequence 17614, A	c 620	15.8	0.4	20	1	US-09-781-7123-20	Sequence 20, Appl
c 548	16.2	0.4	21	1	US-10-786-720-18283	Sequence 18283, A	c 621	15.8	0.4	20	1	US-10-243-035-5	Sequence 5, Appl
c 549	16.2	0.4	21	1	US-10-786-720-18286	Sequence 18286, A	c 622	15.8	0.4	20	1	US-10-184-191-5	Sequence 5, Appl
c 550	16.2	0.4	21	1	US-10-786-720-18289	Sequence 18289, A	c 623	15.8	0.4	20	1	US-10-143-266-6	Sequence 6, Appl
c 551	16.2	0.4	21	1	US-10-786-720-18802	Sequence 18802, A	c 624	15.8	0.4	20	1	US-10-006-191-136	Sequence 136, App
c 552	16.2	0.4	22	1	US-10-184-372-11	Sequence 11, Appl	c 625	15.8	0.4	20	1	US-10-006-191-136	Sequence 136, App
c 553	16.2	0.4	22	1	US-10-298-215-12	Sequence 12, Appl	c 626	15.8	0.4	20	1	US-10-238-442-65	Sequence 65, Appl
c 554	16.2	0.4	23	1	US-09-805-761-45	Sequence 45, Appl	c 627	15.8	0.4	20	1	US-10-144-488-53	Sequence 53, Appl
c 555	16.2	0.4	23	1	US-09-939-769-8	Sequence 8, Appl	c 628	15.8	0.4	20	1	US-10-177-573-63	Sequence 63, Appl
c 556	16.2	0.4	23	1	US-09-939-769-12	Sequence 12, Appl	c 629	15.8	0.4	20	1	US-10-177-573-63	Sequence 63, Appl
c 557	16.2	0.4	23	1	US-09-988-115A-11	Sequence 11, Appl	c 630	15.8	0.4	20	1	US-10-188-883-53	Sequence 53, Appl
c 558	16.2	0.4	23	1	US-09-988-115A-17	Sequence 17, Appl	c 631	15.8	0.4	20	1	US-10-296-242-5	Sequence 5, Appl
c 559	16.2	0.4	23	1	US-09-988-115A-24	Sequence 24, Appl	c 632	15.8	0.4	20	1	US-10-300-611-64	Sequence 64, Appl
c 560	16.2	0.4	23	1	US-10-232-563-20	Sequence 20, Appl	c 633	15.8	0.4	20	1	US-10-302-028-16	Sequence 16, Appl
c 561	16.2	0.4	23	1	US-10-388-578-41	Sequence 41, Appl	c 634	15.8	0.4	20	1	US-10-302-028-16	Sequence 16, Appl
c 562	16.2	0.4	23	1	US-10-389-431-41	Sequence 41, Appl	c 635	15.8	0.4	20	1	US-10-317-391-40	Sequence 40, Appl
c 563	16	0.4	16	1	US-09-263-959-541	Sequence 541, App	c 636	15.8	0.4	20	1	US-10-317-391-108	Sequence 108, App
c 564	16	0.4	16	1	US-09-263-959-544	Sequence 544, App	c 637	15.8	0.4	20	1	US-10-319-893-54	Sequence 54, Appl
c 565	16	0.4	16	1	US-10-092-885-27	Sequence 27, Appl	c 638	15.8	0.4	20	1	US-10-319-893-129	Sequence 129, App
c 566	16	0.4	16	1	US-10-138-674-6068	Sequence 6068, Ap	c 639	15.8	0.4	20	1	US-10-671-395-1011	Sequence 1011, Ap
c 567	16	0.4	16	1	US-10-138-674-6069	Sequence 6069, Ap	c 640	15.8	0.4	20	1	US-10-671-395-1107	Sequence 1107, Ap
c 568	16	0.4	16	1	US-10-287-949A-6068	Sequence 6068, Ap	c 641	15.8	0.4	20	1	US-10-671-395-1696	Sequence 1696, Ap
c 569	16	0.4	16	1	US-10-287-949A-6069	Sequence 6069, Ap	c 642	15.8	0.4	20	1	US-10-671-395-1711	Sequence 1711, Ap
c 570	16	0.4	17	1	US-09-263-959-557	Sequence 557, App	c 643	15.8	0.4	20	1	US-10-664-639A-36	Sequence 36, Appl
c 571	16	0.4	17	1	US-09-263-959-705	Sequence 705, App	c 644	15.8	0.4	20	1	US-10-641-455A-65	Sequence 65, Appl
c 572	16	0.4	17	1	US-09-263-959-970	Sequence 970, App	c 645	15.8	0.4	21	1	US-10-786-720-11534	Sequence 11534, A
c 573	16	0.4	17	1	US-09-958-221A-16	Sequence 16, Appl	c 646	15.8	0.4	21	1	US-10-786-720-11543	Sequence 11543, A
c 574	16	0.4	17	1	US-09-958-221A-17	Sequence 17, Appl	c 647	15.8	0.4	21	1	US-10-786-720-11662	Sequence 11662, A
c 575	16	0.4	17	1	US-09-958-221A-19	Sequence 19, Appl	c 648	15.8	0.4	21	1	US-10-786-720-11663	Sequence 11663, A
c 576	16	0.4	17	1	US-09-958-221A-21	Sequence 21, Appl	c 649	15.8	0.4	21	1	US-10-786-720-12986	Sequence 12986, A
c 577	16	0.4	17	1	US-10-138-674-8984	Sequence 8984, Ap	c 650	15.8	0.4	21	1	US-10-786-720-17097	Sequence 17097, A
c 578	16	0.4	17	1	US-10-287-949A-8984	Sequence 8984, Ap	c 651	15.8	0.4	21	1	US-10-786-720-17109	Sequence 17109, A
c 579	16	0.4	18	1	US-10-763-992-15	Sequence 15, Appl	c 652	15.8	0.4	21	1	US-10-786-720-17456	Sequence 17456, A
c 580	16	0.4	20	1	US-09-918-186A-235	Sequence 235, App	c 653	15.8	0.4	21	1	US-10-786-720-17615	Sequence 17615, A
c 581	16	0.4	20	1	US-10-357-488-26	Sequence 26, Appl	c 654	15.8	0.4	21	1	US-10-786-720-17616	Sequence 17616, A
c 582	16	0.4	20	1	US-10-181-316-235	Sequence 235, App	c 655	15.8	0.4	21	1	US-10-786-720-18282	Sequence 18282, A
c 583	16	0.4	20	1	US-10-467-008-110	Sequence 110, App	c 656	15.8	0.4	21	1	US-10-786-720-18294	Sequence 18294, A
c 584	16	0.4	20	1	US-10-763-992-20	Sequence 20, Appl	c 657	15.8	0.4	21	1	US-10-786-720-18644	Sequence 18644, A
c 585	16	0.4	20	1	US-10-671-395-1374	Sequence 1374, Ap	c 658	15.8	0.4	21	1	US-10-786-720-18803	Sequence 18803, A
c 586	16	0.4	20	1	US-10-671-395-1427	Sequence 1427, Ap	c 659	15.8	0.4	21	1	US-10-786-720-18804	Sequence 18804, A
c 587	16	0.4	21	1	US-10-087-229-1	Sequence 1, Appl	c 660	15.8	0.4	21	1	US-10-786-720-20588	Sequence 20588, A
c 588	16	0.4	21	1	US-10-222-943A-1	Sequence 1, Appl	c 661	15.8	0.4	21	1	US-10-786-720-20589	Sequence 20589, A
c 589	16	0.4	21	1	US-10-786-720-11540	Sequence 11540, A	c 662	15.8	0.4	21	1	US-10-786-720-20989	Sequence 20989, A
c 590	16	0.4	21	1	US-10-786-720-11541	Sequence 11541, A	c 663	15.8	0.4	22	1	US-10-159-339-88	Sequence 88, Appl
c 591	16	0.4	22	1	US-09-357-935-30	Sequence 30, Appl	c 664	15.8	0.4	30	1	US-09-725-265-9	Sequence 9, Appl
c 592	16	0.4	30	1	US-09-725-265-5	Sequence 5, Appl	c 665	15.8	0.4	30	1	US-09-891-517-9	Sequence 9, Appl
c 593	16	0.4	30	1	US-09-725-265-8	Sequence 8, Appl	c 666	15.8	0.4	30	1	US-10-209-608-9	Sequence 9, Appl
c 594	16	0.4	30	1	US-09-891-517-6	Sequence 6, Appl	c 667	15.8	0.4	30	1	US-10-683-386-9	Sequence 9, Appl
c 595	16	0.4	30	1	US-09-891-517-8	Sequence 8, Appl	c 668	15.8	0.4	41	1	US-09-920-581-9	Sequence 9, Appl
c 596	16	0.4	30	1	US-10-209-608-5	Sequence 5, Appl	c 669	15.8	0.4	41	1	US-10-371-421-9	Sequence 9, Appl
c 597	16	0.4	30	1	US-10-209-608-8	Sequence 8, Appl	c 670	15.8	0.4	42	1	US-09-876-235-12	Sequence 12, Appl
c 598	16	0.4	30	1	US-10-683-386-5	Sequence 5, Appl	c 671	15.6	0.4	21	1	US-09-782-837-15	Sequence 15, Appl
c 599	16	0.4	30	1	US-10-683-386-8	Sequence 8, Appl	c 672	15.6	0.4	22	1	US-10-005-956-1081	Sequence 1081, Ap
c 600	16	0.4	36	1	US-10-418-182-65	Sequence 65, Appl	c 673	15.6	0.4	22	1	US-10-259-451-11	Sequence 11, Appl
c 601	16	0.4	39	1	US-10-219-195-36	Sequence 36, Appl	c 674	15.6	0.4	22	1	US-10-094-466-79	Sequence 79, Appl
c 602	15.8	0.4	19	1	US-09-073-881-2	Sequence 2, Appl	c 675	15.6	0.4	22	1	US-10-409-107A-55	Sequence 55, Appl
c 603	15.8	0.4	19	1	US-09-263-959-427	Sequence 427, App	c 676	15.6	0.4	22	1	US-10-455-470-22	Sequence 22, Appl
c 604	15.8	0.4	19	1	US-10-251-117-154	Sequence 154, App	c 677	15.6	0.4	39	1	US-10-419-195-35	Sequence 35, Appl
c 605	15.8	0.4	19	1	US-10-251-117-158	Sequence 158, App	c 678	15.6	0.4	17	1	US-09-866-108-7996	Sequence 7996, Ap
c 606	15.8	0.4	19	1	US-10-251-117-403	Sequence 403, App	c 679	15.4	0.4	17	1	US-09-825-805-771	Sequence 771, App
c 607	15.8	0.4	19	1	US-10-251-117-407	Sequence 407, App	c 680	15.4	0.4	17	1	US-09-730-289B-154	Sequence 154, App
c 608	15.8	0.4	19	1	US-10-665-951-158	Sequence 158, App	c 681	15.4	0.4	17	1	US-09-730-289B-155	Sequence 155, App
c 609	15.8	0.4	19	1	US-10-665-951-585	Sequence 585, App	c 682	15.4	0.4	17	1	US-09-848-754A-3493	Sequence 3493, Ap
c 610	15.8	0.4	19	1	US-10-665-951-1650	Sequence 1650, Ap	c 683	15.4	0.4	17	1	US-10-463-552-649	Sequence 649, App
c 611	15.8	0.4	19	1	US-10-665-951-1687	Sequence 1687, Ap	c 684	15.4	0.4	17	1	US-10-061-201-442	Sequence 28, Appl
c 612	15.8	0.4	19	1	US-10-665-951-1688	Sequence 1688, Ap	c 685	15.4	0.4	17	1	US-10-454-224-28	Sequence 28, Appl
c 613	15.8	0.4	19	1	US-10-665-951-1897	Sequence 1897, Ap	c 686	15.4	0.4	17	1	US-10-138-674-1977	Sequence 1977, Ap
c 614	15.8	0.4	19	1	US-10-665-951-1934	Sequence 1934, Ap	c 687	15.4	0.4	17	1	US-10-138-674-2009	Sequence 2009, Ap
c 615	15.8	0.4	19	1	US-10-665-951-1935	Sequence 1935, Ap	c 688	15.4	0.4	17	1	US-10-138-674-6729	Sequence 6729, Ap
c 616	15.8	0.4	20	1	US-09-898-361-133	Sequence 133, App	c 689	15.4	0.4	17	1	US-10-138-674-6730	Sequence 6730, Ap
c 617	15.8	0.4	20	1	US-09-950-935-12	Sequence 12, Appl	c 690	15.4	0.4	17	1	US-10-138-674-6731	Sequence 6731, Ap

691	15.4	0.4	17	1	US-10-138-674-6762	Sequence 6762, Ap	C 764	15.2	0.4	20	1	US-09-954-556-98	Sequence 98, Appl
692	15.4	0.4	17	1	US-10-138-674-7615	Sequence 7615, Ap	C 765	15.2	0.4	20	1	US-09-919-197-76	Sequence 76, Appl
693	15.4	0.4	17	1	US-10-138-674-8259	Sequence 8259, Ap	C 766	15.2	0.4	20	1	US-09-919-318-72	Sequence 72, Appl
694	15.4	0.4	17	1	US-10-138-674-8260	Sequence 8260, Ap	C 767	15.2	0.4	20	1	US-09-953-318-74	Sequence 74, Appl
695	15.4	0.4	17	1	US-10-138-674-8261	Sequence 8261, Ap	C 768	15.2	0.4	20	1	US-10-209-608-23	Sequence 23, Appl
696	15.4	0.4	17	1	US-10-138-674-8510	Sequence 8510, Ap	C 769	15.2	0.4	20	1	US-10-001-844-33	Sequence 33, Appl
697	15.4	0.4	17	1	US-10-138-674-8510	Sequence 8510, Ap	C 770	15.2	0.4	20	1	US-10-229-346-34	Sequence 34, Appl
698	15.4	0.4	17	1	US-10-138-674-8949	Sequence 8949, Ap	C 771	15.2	0.4	20	1	US-10-007-010-56	Sequence 56, Appl
699	15.4	0.4	17	1	US-10-138-674-8954	Sequence 8954, Ap	C 772	15.2	0.4	20	1	US-10-238-442-22	Sequence 22, Appl
700	15.4	0.4	17	1	US-10-138-674-8985	Sequence 8985, Ap	C 773	15.2	0.4	20	1	US-10-331-907-75	Sequence 75, Appl
701	15.4	0.4	17	1	US-10-287-949A-1977	Sequence 1977, Ap	C 774	15.2	0.4	20	1	US-10-005-344-147	Sequence 147, Ap
702	15.4	0.4	17	1	US-10-287-949A-2009	Sequence 2009, Ap	C 775	15.2	0.4	20	1	US-10-003-344-209	Sequence 209, Ap
703	15.4	0.4	17	1	US-10-287-949A-6729	Sequence 6729, Ap	C 776	15.2	0.4	20	1	US-10-446-373-72	Sequence 72, Appl
704	15.4	0.4	17	1	US-10-287-949A-6730	Sequence 6730, Ap	C 777	15.2	0.4	20	1	US-10-446-373-74	Sequence 74, Appl
705	15.4	0.4	17	1	US-10-287-949A-6731	Sequence 6731, Ap	C 778	15.2	0.4	20	1	US-10-380-931-60	Sequence 60, Appl
706	15.4	0.4	17	1	US-10-287-949A-6762	Sequence 762, Ap	C 779	15.2	0.4	20	1	US-10-360-510-305	Sequence 305, Appl
707	15.4	0.4	17	1	US-10-287-949A-7615	Sequence 7615, Ap	C 780	15.2	0.4	20	1	US-10-160-497-22	Sequence 22, Appl
708	15.4	0.4	17	1	US-10-287-949A-8259	Sequence 8259, Ap	C 781	15.2	0.4	20	1	US-10-348-750-22	Sequence 22, Appl
709	15.4	0.4	17	1	US-10-287-949A-8260	Sequence 8260, Ap	C 782	15.2	0.4	20	1	US-10-372-909-15	Sequence 15, Appl
710	15.4	0.4	17	1	US-10-287-949A-8261	Sequence 8261, Ap	C 783	15.2	0.4	20	1	US-10-210-290-74	Sequence 74, Appl
711	15.4	0.4	17	1	US-10-287-949A-8510	Sequence 8510, Ap	C 784	15.2	0.4	20	1	US-10-380-124-39	Sequence 39, Appl
712	15.4	0.4	17	1	US-10-287-949A-8954	Sequence 8954, Ap	C 785	15.2	0.4	20	1	US-10-683-386-23	Sequence 23, Appl
713	15.4	0.4	17	1	US-10-287-949A-8985	Sequence 8985, Ap	C 786	15.2	0.4	20	1	US-10-683-386-23	Sequence 23, Appl
714	15.4	0.4	17	1	US-10-723-361-7996	Sequence 7996, Ap	C 787	15.2	0.4	20	1	US-10-619-284A-52	Sequence 52, Appl
715	15.4	0.4	18	1	US-09-802-207-14	Sequence 14, Appl	C 788	15.2	0.4	20	1	US-10-619-284A-74	Sequence 74, Appl
716	15.4	0.4	18	1	US-09-969-373-1877	Sequence 1877, Ap	C 789	15.2	0.4	20	1	US-10-274-085-33	Sequence 33, Appl
717	15.4	0.4	18	1	US-09-969-373-2975	Sequence 2975, Ap	C 790	15.2	0.4	20	1	US-10-274-085-33	Sequence 33, Appl
718	15.4	0.4	18	1	US-09-263-959-983	Sequence 983, Ap	C 791	15.2	0.4	20	1	US-10-274-085-145	Sequence 145, Appl
719	15.4	0.4	18	1	US-10-321-039-716	Sequence 716, Ap	C 792	15.2	0.4	20	1	US-10-274-085-112	Sequence 112, Appl
720	15.4	0.4	19	1	US-09-263-959-427	Sequence 427, Ap	C 793	15.2	0.4	20	1	US-10-210-802-74	Sequence 74, Appl
721	15.4	0.4	19	1	US-10-773-951-53	Sequence 53, Appl	C 794	15.2	0.4	20	1	US-10-210-802-128	Sequence 128, Appl
722	15.4	0.4	19	1	US-10-683-990-120	Sequence 23, Appl	C 795	15.2	0.4	20	1	US-10-300-642-33	Sequence 33, Appl
723	15.4	0.4	19	1	US-10-683-990-120	Sequence 120, Ap	C 796	15.2	0.4	20	1	US-10-688-706-88	Sequence 88, Appl
724	15.4	0.4	20	1	US-09-953-047-91	Sequence 91, Appl	C 797	15.2	0.4	20	1	US-10-688-706-102	Sequence 102, Appl
725	15.4	0.4	20	1	US-10-630-401-91	Sequence 110, Appl	C 798	15.2	0.4	20	1	US-10-319-915-120	Sequence 120, Appl
726	15.4	0.4	20	1	US-10-467-008-110	Sequence 89, Appl	C 799	15.2	0.4	20	1	US-10-319-915-247	Sequence 247, Appl
727	15.4	0.4	20	1	US-08-459-455-89	Sequence 72, Appl	C 800	15.2	0.4	20	1	US-10-671-395-174	Sequence 174, Appl
728	15.4	0.4	20	1	US-09-976-782-72	Sequence 51, Appl	C 801	15.2	0.4	20	1	US-10-671-395-1138	Sequence 1138, Ap
729	15.4	0.4	20	1	US-10-091-625-51	Sequence 15, Appl	C 802	15.2	0.4	20	1	US-10-671-395-1175	Sequence 1175, Ap
730	15.4	0.4	20	1	US-10-346-185-15	Sequence 18, Appl	C 803	15.2	0.4	20	1	US-10-671-395-1279	Sequence 1279, Ap
731	15.4	0.4	20	1	US-10-326-185-18	Sequence 51, Appl	C 804	15.2	0.4	20	1	US-10-671-395-1312	Sequence 1312, Ap
732	15.4	0.4	20	1	US-10-096-399A-51	Sequence 51, Appl	C 805	15.2	0.4	20	1	US-10-671-395-1312	Sequence 1312, Ap
733	15.4	0.4	20	1	US-10-461-668-51	Sequence 421, Appl	C 806	15.2	0.4	20	1	US-10-671-395-1350	Sequence 1350, Ap
734	15.4	0.4	20	1	US-10-388-263-421	Sequence 21, Appl	C 807	15.2	0.4	20	1	US-10-671-395-1350	Sequence 1350, Ap
735	15.4	0.4	20	1	US-10-199-199-21	Sequence 92, Appl	C 808	15.2	0.4	20	1	US-10-671-395-1406	Sequence 1406, Ap
736	15.4	0.4	20	1	US-10-199-199-98	Sequence 98, Appl	C 809	15.2	0.4	20	1	US-10-671-395-1431	Sequence 1431, Ap
737	15.4	0.4	20	1	US-10-262-445-72	Sequence 50, Appl	C 810	15.2	0.4	20	1	US-10-671-395-1505	Sequence 1505, Ap
738	15.4	0.4	20	1	US-10-210-833-50	Sequence 149, Appl	C 811	15.2	0.4	20	1	US-10-671-395-1566	Sequence 1566, Ap
739	15.4	0.4	20	1	US-10-210-833-149	Sequence 45, Appl	C 812	15.2	0.4	20	1	US-10-671-395-1627	Sequence 1627, Ap
740	15.4	0.4	20	1	US-10-304-109-45	Sequence 1171, Ap	C 813	15.2	0.4	20	1	US-10-671-395-1628	Sequence 1628, Ap
741	15.4	0.4	20	1	US-10-671-395-1171	Sequence 1187, Ap	C 814	15.2	0.4	20	1	US-10-671-395-1640	Sequence 1640, Ap
742	15.4	0.4	20	1	US-10-671-395-1187	Sequence 1204, Ap	C 815	15.2	0.4	20	1	US-10-671-395-1641	Sequence 1641, Ap
743	15.4	0.4	20	1	US-10-671-395-1204	Sequence 1333, Ap	C 816	15.2	0.4	20	1	US-10-671-395-1665	Sequence 1665, Ap
744	15.4	0.4	20	1	US-10-671-395-1333	Sequence 1595, Ap	C 817	15.2	0.4	20	1	US-10-671-395-1665	Sequence 1665, Ap
745	15.4	0.4	20	1	US-10-000-864-28	Sequence 28, Appl	C 818	15.2	0.4	20	1	US-10-671-395-1670	Sequence 1670, Ap
746	15.4	0.4	21	1	US-10-151-320-26	Sequence 17, Appl	C 819	15.2	0.4	20	1	US-10-671-395-1670	Sequence 1670, Ap
747	15.4	0.4	21	1	US-10-466-347-17	Sequence 351, Appl	C 820	15.2	0.4	20	1	US-10-641-455A-122	Sequence 122, Appl
748	15.4	0.4	21	1	US-10-627-253A-351	Sequence 352, Appl	C 821	15.2	0.4	20	1	US-10-641-455A-126	Sequence 126, Appl
749	15.4	0.4	21	1	US-10-627-253A-352	Sequence 11, Appl	C 822	15.2	0.4	20	1	US-10-835-208-76	Sequence 76, Appl
750	15.4	0.4	30	1	US-09-874-991C-11	Sequence 235, Appl	C 823	15.2	0.4	20	1	US-10-487-846-34	Sequence 34, Appl
751	15.4	0.4	20	1	US-09-918-186A-235	Sequence 23, Appl	C 824	15.2	0.4	21	1	US-09-771-730-103	Sequence 103, Appl
752	15.2	0.4	20	1	US-10-181-316-235	Sequence 23, Appl	C 825	15.2	0.4	21	1	US-09-808-602-35	Sequence 35, Appl
753	15.2	0.4	20	1	US-08-725-265-23	Sequence 147, Appl	C 826	15.2	0.4	21	1	US-09-232-785-390	Sequence 39, Appl
754	15.2	0.4	20	1	US-09-752-983-147	Sequence 209, Appl	C 827	15.2	0.4	21	1	US-10-142-566-49	Sequence 49, Appl
755	15.2	0.4	20	1	US-09-752-983-209	Sequence 305, Appl	C 828	15.2	0.4	21	1	US-10-253-967-36	Sequence 36, Appl
756	15.2	0.4	20	1	US-09-854-883-305	Sequence 13, Appl	C 829	15.2	0.4	21	1	US-10-418-182-112	Sequence 112, Appl
757	15.2	0.4	20	1	US-09-885-188-13	Sequence 23, Appl	C 830	15.2	0.4	21	1	US-10-388-263-203	Sequence 203, Appl
758	15.2	0.4	20	1	US-09-891-517-23	Sequence 34, Appl	C 831	15.2	0.4	21	1	US-10-377-079-82	Sequence 82, Appl
759	15.2	0.4	20	1	US-09-891-517-34	Sequence 13, Appl	C 832	15.2	0.4	21	1	US-10-210-281-127	Sequence 127, Appl
760	15.2	0.4	20	1	US-09-885-189-13	Sequence 23, Appl	C 833	15.2	0.4	21	1	US-10-380-195A-44	Sequence 44, Appl
761	15.2	0.4	20	1	US-09-885-189-13	Sequence 13, Appl	C 834	15.2	0.4	21	1	US-10-432-364-35	Sequence 35, Appl
762	15.2	0.4	20	1	US-09-949-428-252	Sequence 252, Appl	C 835	15.2	0.4	21	1	US-10-702-496-154	Sequence 154, Appl
763	15.2	0.4	20	1	US-09-949-428-252	Sequence 252, Appl	C 836	15.2	0.4	21	1		

837	15.2	0.4	21	1	US-10-702-456-161	Sequence 161, App	c 910	14.8	0.4	20	1	US-09-776-479-311	Sequence 311, App
c 838	15.2	0.4	21	1	US-10-702-456-289	Sequence 289, App	c 911	14.8	0.4	20	1	US-09-776-479-311	Sequence 311, App
c 839	15.2	0.4	21	1	US-10-728-491-9	Sequence 9, Appli	c 912	14.8	0.4	20	1	US-09-915-814-132	Sequence 132, App
c 840	15.2	0.4	21	1	US-10-786-720-11203	Sequence 11203, A	913	14.8	0.4	20	1	US-09-953-318-97	Sequence 97, Appli
c 841	15.2	0.4	21	1	US-10-786-720-11219	Sequence 11219, A	914	14.8	0.4	20	1	US-09-802-154-5	Sequence 5, Appli
c 842	15.2	0.4	21	1	US-10-786-720-11538	Sequence 11538, A	915	14.8	0.4	20	1	US-09-846-863-33	Sequence 33, Appli
c 843	15.2	0.4	21	1	US-10-786-720-12987	Sequence 12987, A	916	14.8	0.4	20	1	US-09-846-863-34	Sequence 34, Appli
c 844	15.2	0.4	21	1	US-10-786-720-17100	Sequence 17100, A	917	14.8	0.4	20	1	US-09-846-863-35	Sequence 35, Appli
c 845	15.2	0.4	21	1	US-10-786-720-17103	Sequence 17103, A	918	14.8	0.4	20	1	US-09-846-863-36	Sequence 36, Appli
c 846	15.2	0.4	21	1	US-10-786-720-17106	Sequence 17106, A	919	14.8	0.4	20	1	US-10-004-551-101	Sequence 101, Appli
c 847	15.2	0.4	21	1	US-10-786-720-17110	Sequence 17110, A	920	14.8	0.4	20	1	US-10-057-550-27	Sequence 27, Appli
c 848	15.2	0.4	21	1	US-10-786-720-18285	Sequence 18285, A	921	14.8	0.4	20	1	US-10-112-853-301	Sequence 301, App
c 849	15.2	0.4	21	1	US-10-786-720-18288	Sequence 18288, A	922	14.8	0.4	20	1	US-10-017-995-311	Sequence 311, App
c 850	15.2	0.4	21	1	US-10-786-720-18291	Sequence 18291, A	923	14.8	0.4	20	1	US-10-231-302-72	Sequence 72, Appli
c 851	15.2	0.4	21	1	US-10-786-720-18295	Sequence 18295, A	924	14.8	0.4	20	1	US-10-181-846-32	Sequence 32, Appli
c 852	15.2	0.4	38	1	US-09-764-891-10176	Sequence 10176, A	925	14.8	0.4	20	1	US-10-238-042-20	Sequence 20, Appli
c 853	15.2	0.4	15	1	US-09-735-363A-16	Sequence 16, Appli	926	14.8	0.4	20	1	US-10-173-225B-26	Sequence 26, Appli
c 854	15	0.4	15	1	US-09-263-959-543	Sequence 543, App	927	14.8	0.4	20	1	US-10-008-789-21	Sequence 21, Appli
c 855	15	0.4	15	1	US-09-263-959-545	Sequence 545, App	928	14.8	0.4	20	1	US-10-321-555-10	Sequence 10, Appli
c 856	15	0.4	15	1	US-10-085-906-222	Sequence 222, App	929	14.8	0.4	20	1	US-10-171-319-48	Sequence 48, Appli
c 857	15	0.4	16	1	US-10-138-674-6070	Sequence 6070, Ap	930	14.8	0.4	20	1	US-10-171-319-73	Sequence 73, Appli
c 858	15	0.4	16	1	US-10-287-949A-6070	Sequence 6070, Ap	931	14.8	0.4	20	1	US-10-167-547C-32	Sequence 32, Appli
c 859	15	0.4	17	1	US-10-238-700-3390	Sequence 3390, Ap	932	14.8	0.4	20	1	US-10-032-585-4779	Sequence 4779, Ap
c 860	15	0.4	17	1	US-10-138-674-8256	Sequence 8256, Ap	933	14.8	0.4	20	1	US-10-352-586-11	Sequence 11, Appli
c 861	15	0.4	17	1	US-10-287-949A-8256	Sequence 8256, Ap	934	14.8	0.4	20	1	US-10-446-373-97	Sequence 97, Appli
c 862	15	0.4	18	1	US-10-464-158-21	Sequence 21, Appli	935	14.8	0.4	20	1	US-10-314-578-311	Sequence 311, App
c 863	15	0.4	19	1	US-10-016-450C-25	Sequence 25, Appli	936	14.8	0.4	20	1	US-10-159-856-74	Sequence 74, Appli
c 864	15	0.4	20	1	US-10-055-728-45	Sequence 45, Appli	937	14.8	0.4	20	1	US-10-176-277-17	Sequence 17, Appli
c 865	15	0.4	20	1	US-10-310-677-45	Sequence 45, Appli	938	14.8	0.4	20	1	US-10-094-886-232	Sequence 232, App
c 866	15	0.4	20	1	US-10-380-124-47	Sequence 47, Appli	939	14.8	0.4	20	1	US-10-349-143-7832	Sequence 7832, Ap
c 867	15	0.4	20	1	US-10-274-300-55	Sequence 55, Appli	940	14.8	0.4	20	1	US-10-407-449-9	Sequence 9, Appli
c 868	15	0.4	20	1	US-10-671-395-1491	Sequence 1491, Ap	941	14.8	0.4	20	1	US-10-407-449-9	Sequence 9, Appli
c 869	15	0.4	38	1	US-09-971-353-31	Sequence 31, Appli	942	14.8	0.4	20	1	US-10-422-466-21	Sequence 21, Appli
c 870	15	0.4	39	1	US-10-219-195-37	Sequence 37, Appli	943	14.8	0.4	20	1	US-10-289-762-6513	Sequence 6513, Ap
c 871	15	0.4	42	1	US-10-219-195-32	Sequence 32, Appli	944	14.8	0.4	20	1	US-10-210-429-56	Sequence 56, Appli
c 872	15	0.4	42	1	US-10-219-195-33	Sequence 33, Appli	945	14.8	0.4	20	1	US-10-210-429-127	Sequence 127, App
c 873	14.8	0.4	42	1	US-09-263-959-971	Sequence 971, App	946	14.8	0.4	20	1	US-10-210-479-50	Sequence 50, Appli
c 874	14.8	0.4	18	1	US-09-943-944E-119	Sequence 119, App	947	14.8	0.4	20	1	US-10-210-479-112	Sequence 112, App
c 875	14.8	0.4	18	1	US-10-327-805-42	Sequence 42, Appli	948	14.8	0.4	20	1	US-10-210-723-14	Sequence 14, Appli
c 876	14.8	0.4	18	1	US-10-461-790-129	Sequence 129, App	949	14.8	0.4	20	1	US-10-210-723-86	Sequence 86, Appli
c 877	14.8	0.4	18	1	US-10-138-674-1449	Sequence 1449, Ap	950	14.8	0.4	20	1	US-10-345-444B-31	Sequence 31, Appli
c 878	14.8	0.4	18	1	US-10-138-674-3004	Sequence 3004, Ap	951	14.8	0.4	20	1	US-10-345-444B-42	Sequence 42, Appli
c 879	14.8	0.4	18	1	US-10-203-102A-12	Sequence 12, Appli	952	14.8	0.4	20	1	US-10-236-392-393	Sequence 393, App
c 880	14.8	0.4	18	1	US-10-287-949A-1449	Sequence 1449, Ap	953	14.8	0.4	20	1	US-10-236-392-402	Sequence 402, App
c 881	14.8	0.4	18	1	US-10-287-949A-3004	Sequence 3004, Ap	954	14.8	0.4	20	1	US-10-274-085-21	Sequence 21, Appli
c 882	14.8	0.4	19	1	US-08-983-605-118	Sequence 118, App	955	14.8	0.4	20	1	US-10-274-085-133	Sequence 133, App
c 883	14.8	0.4	19	1	US-09-813-289-22	Sequence 22, Appli	956	14.8	0.4	20	1	US-10-653-872-24	Sequence 24, Appli
c 884	14.8	0.4	19	1	US-09-901-484A-483	Sequence 483, App	957	14.8	0.4	20	1	US-10-302-027-45	Sequence 45, Appli
c 885	14.8	0.4	19	1	US-09-901-484A-546	Sequence 546, App	958	14.8	0.4	20	1	US-10-302-027-105	Sequence 105, App
c 886	14.8	0.4	19	1	US-09-853-526-483	Sequence 483, App	959	14.8	0.4	20	1	US-10-303-325-47	Sequence 47, Appli
c 887	14.8	0.4	19	1	US-09-853-526-546	Sequence 546, App	960	14.8	0.4	20	1	US-10-688-706-153	Sequence 153, App
c 888	14.8	0.4	19	1	US-09-766-450-48	Sequence 48, Appli	961	14.8	0.4	20	1	US-10-688-706-285	Sequence 285, App
c 889	14.8	0.4	19	1	US-10-251-117-68	Sequence 68, Appli	962	14.8	0.4	20	1	US-10-688-706-507	Sequence 507, App
c 890	14.8	0.4	19	1	US-10-251-117-180	Sequence 180, App	963	14.8	0.4	20	1	US-10-688-706-508	Sequence 508, App
c 891	14.8	0.4	19	1	US-10-251-117-317	Sequence 317, App	964	14.8	0.4	20	1	US-10-688-706-828	Sequence 828, App
c 892	14.8	0.4	19	1	US-10-251-117-429	Sequence 429, App	965	14.8	0.4	20	1	US-10-316-243-96	Sequence 96, Appli
c 893	14.8	0.4	19	1	US-10-244-647-515	Sequence 515, App	966	14.8	0.4	20	1	US-10-316-243-167	Sequence 167, App
c 894	14.8	0.4	19	1	US-10-244-647-1161	Sequence 1161, Ap	967	14.8	0.4	20	1	US-10-660-897-9	Sequence 9, Appli
c 895	14.8	0.4	19	1	US-10-477-726-133	Sequence 133, App	968	14.8	0.4	20	1	US-10-303-588-42	Sequence 42, Appli
c 896	14.8	0.4	19	1	US-10-665-951-2245	Sequence 2244, Ap	969	14.8	0.4	20	1	US-10-303-588-42	Sequence 42, Appli
c 897	14.8	0.4	19	1	US-10-665-951-2265	Sequence 2265, Ap	970	14.8	0.4	20	1	US-10-763-992-21	Sequence 21, Appli
c 898	14.8	0.4	20	1	US-09-801-968-5	Sequence 5, Appli	971	14.8	0.4	20	1	US-10-316-540-18	Sequence 18, Appli
c 899	14.8	0.4	20	1	US-09-454-394-33	Sequence 33, Appli	972	14.8	0.4	20	1	US-10-316-540-95	Sequence 95, Appli
c 900	14.8	0.4	20	1	US-09-454-394-34	Sequence 34, Appli	973	14.8	0.4	20	1	US-10-671-395-1039	Sequence 1039, Ap
c 901	14.8	0.4	20	1	US-09-454-394-35	Sequence 35, Appli	974	14.8	0.4	20	1	US-10-671-395-1106	Sequence 1106, Ap
c 902	14.8	0.4	20	1	US-09-454-394-36	Sequence 36, Appli	975	14.8	0.4	20	1	US-10-671-395-1219	Sequence 1219, Ap
c 903	14.8	0.4	20	1	US-09-924-417-24	Sequence 24, Appli	976	14.8	0.4	20	1	US-10-671-395-1343	Sequence 1343, Ap
c 904	14.8	0.4	20	1	US-09-263-959-1214	Sequence 1214, Ap	977	14.8	0.4	20	1	US-10-671-395-1366	Sequence 1366, Ap
c 905	14.8	0.4	20	1	US-09-774-809-31	Sequence 31, Appli	978	14.8	0.4	20	1	US-10-671-395-1597	Sequence 1597, Ap
c 906	14.8	0.4	20	1	US-09-774-809-42	Sequence 42, Appli	979	14.8	0.4	20	1	US-10-671-395-1728	Sequence 1728, Ap
c 907	14.8	0.4	20	1	US-09-986-263-11	Sequence 11, Appli	980	14.8	0.4	20	1	US-10-744-730-5	Sequence 5, Appli
c 908	14.8	0.4	20	1	US-09-888-326-463	Sequence 36, Appli	981	14.8	0.4	21	1	US-09-765-081-37	Sequence 37, Appli
c 909	14.8	0.4	20	1	US-09-860-836B-36	Sequence 36, Appli	982	14.8	0.4	21	1	US-09-765-081-266	Sequence 266, App

983	14.8	0.4	21	1	US-09-932-300-43	Sequence 43, Appl	1056	14.4	0.4	16	1	US-08-463-404-57	Sequence 57, Appl
984	14.8	0.4	21	1	US-09-864-636A-1134	Sequence 1134, Ap	1057	14.4	0.4	16	1	US-09-263-959-540	Sequence 540, App
985	14.8	0.4	21	1	US-09-864-426A-1134	Sequence 1134, Ap	c1058	14.4	0.4	16	1	US-09-263-959-540	Sequence 540, App
986	14.8	0.4	21	1	US-10-086-505-6	Sequence 6, Appli	1059	14.4	0.4	16	1	US-10-085-906-231	Sequence 231, App
c 987	14.8	0.4	21	1	US-10-085-906-490	Sequence 490, App	c1060	14.4	0.4	16	1	US-10-085-906-231	Sequence 231, App
c 988	14.8	0.4	21	1	US-10-023-066A-46	Sequence 46, Appl	c1061	14.4	0.4	16	1	US-10-092-885-28	Sequence 28, Appl
c 989	14.8	0.4	21	1	US-10-261-189-5	Sequence 5, Appli	1062	14.4	0.4	16	1	US-10-232-927A-80	Sequence 80, Appl
c 990	14.8	0.4	21	1	US-10-090-011-49	Sequence 49, Appl	1063	14.4	0.4	16	1	US-10-138-674-5819	Sequence 5819, Ap
991	14.8	0.4	21	1	US-10-311-946-21	Sequence 21, Appl	1064	14.4	0.4	16	1	US-10-138-674-5819	Sequence 5819, Ap
992	14.8	0.4	21	1	US-10-084-839-1134	Sequence 1134, Ap	1065	14.4	0.4	16	1	US-10-287-949A-5819	Sequence 5819, Ap
993	14.8	0.4	21	1	US-10-452-510-204	Sequence 204, App	1066	14.4	0.4	16	1	US-10-287-949A-5848	Sequence 5848, Ap
c 994	14.8	0.4	21	1	US-10-401-520-135	Sequence 135, App	1067	14.4	0.4	16	1	US-10-287-949A-5848	Sequence 5848, Ap
c 995	14.8	0.4	21	1	US-10-398-757-3	Sequence 3, Appli	1068	14.4	0.4	16	1	US-10-691-633-57	Sequence 57, Appl
996	14.8	0.4	21	1	US-10-617-334-204	Sequence 204, App	1069	14.4	0.4	16	1	US-09-866-108-2002	Sequence 2002, Ap
c 997	14.8	0.4	21	1	US-10-648-593-311	Sequence 311, App	c1070	14.4	0.4	17	1	US-09-866-108-2003	Sequence 2003, Ap
998	14.8	0.4	21	1	US-10-702-496-160	Sequence 160, App	c1071	14.4	0.4	17	1	US-09-866-108-2005	Sequence 2005, Ap
999	14.8	0.4	21	1	US-10-745-377-118	Sequence 118, App	c1072	14.4	0.4	17	1	US-09-866-108-2006	Sequence 2006, Ap
1000	14.8	0.4	21	1	US-10-665-951-2275	Sequence 2275, Ap	c1073	14.4	0.4	17	1	US-09-866-108-2006	Sequence 2006, Ap
c1001	14.8	0.4	21	1	US-10-665-951-2275	Sequence 2278, Ap	1074	14.4	0.4	17	1	US-09-866-108-7995	Sequence 7995, Ap
c1002	14.8	0.4	21	1	US-10-665-951-2374	Sequence 2374, Ap	1075	14.4	0.4	17	1	US-09-866-108-7997	Sequence 7997, Ap
c1003	14.8	0.4	21	1	US-10-665-951-2386	Sequence 2386, Ap	1076	14.4	0.4	17	1	US-09-730-289B-156	Sequence 156, App
1004	14.8	0.4	21	1	US-10-744-465-204	Sequence 204, App	1077	14.4	0.4	17	1	US-09-780-533A-1807	Sequence 1807, Ap
c1005	14.8	0.4	21	1	US-10-627-253A-245	Sequence 245, App	c1078	14.4	0.4	17	1	US-09-877-478-41	Sequence 41, Appl
1006	14.8	0.4	21	1	US-10-627-253A-246	Sequence 246, App	c1079	14.4	0.4	17	1	US-09-877-478-1412	Sequence 1412, Ap
1007	14.8	0.4	21	1	US-10-833-679-204	Sequence 204, App	1080	14.4	0.4	17	1	US-09-877-478-2089	Sequence 2089, Ap
c1008	14.8	0.4	21	1	US-10-786-720-3817	Sequence 3817, Ap	1081	14.4	0.4	17	1	US-09-848-754A-2482	Sequence 2482, Ap
c1009	14.8	0.4	21	1	US-10-786-720-3819	Sequence 3819, Ap	1082	14.4	0.4	17	1	US-09-848-754A-2307	Sequence 2307, Ap
1010	14.8	0.4	21	1	US-10-786-720-3820	Sequence 3820, Ap	c1083	14.4	0.4	17	1	US-09-930-423-390	Sequence 390, App
c1011	14.8	0.4	21	1	US-10-786-720-3822	Sequence 3822, Ap	c1084	14.4	0.4	17	1	US-09-930-423-391	Sequence 391, App
1012	14.8	0.4	21	1	US-10-786-720-3822	Sequence 3822, Ap	1085	14.4	0.4	17	1	US-09-780-164-723	Sequence 723, App
c1013	14.8	0.4	21	1	US-10-786-720-4525	Sequence 4525, Ap	1086	14.4	0.4	17	1	US-09-827-395A-434	Sequence 424, App
c1014	14.8	0.4	21	1	US-10-786-720-4526	Sequence 4526, Ap	1087	14.4	0.4	17	1	US-09-792-818-382	Sequence 382, App
1015	14.8	0.4	21	1	US-10-786-720-4527	Sequence 4527, Ap	1088	14.4	0.4	17	1	US-09-792-818-645	Sequence 645, App
c1016	14.8	0.4	21	1	US-10-786-720-4528	Sequence 4528, Ap	1089	14.4	0.4	17	1	US-09-792-818-880	Sequence 880, App
1017	14.8	0.4	21	1	US-10-786-720-4530	Sequence 4530, Ap	c1090	14.4	0.4	17	1	US-09-745-237A-330	Sequence 390, App
c1018	14.8	0.4	21	1	US-10-786-720-5257	Sequence 5257, Ap	c1091	14.4	0.4	17	1	US-09-745-237A-331	Sequence 391, App
c1019	14.8	0.4	21	1	US-10-786-720-5258	Sequence 5258, Ap	c1092	14.4	0.4	17	1	US-10-211-059-166	Sequence 166, App
1020	14.8	0.4	21	1	US-10-786-720-5259	Sequence 5259, Ap	c1093	14.4	0.4	17	1	US-10-238-700-2806	Sequence 2806, Ap
c1021	14.8	0.4	21	1	US-10-786-720-5260	Sequence 5260, Ap	c1094	14.4	0.4	17	1	US-10-238-700-3350	Sequence 3350, Ap
1022	14.8	0.4	21	1	US-10-786-720-5262	Sequence 5262, Ap	1095	14.4	0.4	17	1	US-10-061-201-441	Sequence 441, App
c1023	14.8	0.4	21	1	US-10-786-720-17096	Sequence 17096, A	1096	14.4	0.4	17	1	US-10-061-201-443	Sequence 443, App
c1024	14.8	0.4	21	1	US-10-786-720-17105	Sequence 17105, A	1097	14.4	0.4	17	1	US-10-061-201-444	Sequence 444, App
c1025	14.8	0.4	21	1	US-10-786-720-17108	Sequence 17108, A	1098	14.4	0.4	17	1	US-10-061-201-445	Sequence 445, App
c1026	14.8	0.4	21	1	US-10-786-720-18281	Sequence 18281, A	1099	14.4	0.4	17	1	US-10-430-882-424	Sequence 424, App
c1027	14.8	0.4	21	1	US-10-786-720-18290	Sequence 18290, A	c1100	14.4	0.4	17	1	US-10-342-902-41	Sequence 41, Appl
c1028	14.8	0.4	21	1	US-10-786-720-18293	Sequence 18293, A	c1101	14.4	0.4	17	1	US-10-342-902-1412	Sequence 1412, Ap
c1029	14.8	0.4	21	1	US-10-786-720-20857	Sequence 20857, A	1102	14.4	0.4	17	1	US-10-342-902-2089	Sequence 2089, Ap
1030	14.8	0.4	21	1	US-10-786-720-20859	Sequence 20859, A	1103	14.4	0.4	17	1	US-10-342-902-2650	Sequence 2650, Ap
c1031	14.8	0.4	21	1	US-10-786-720-20990	Sequence 20990, A	1104	14.4	0.4	17	1	US-10-138-674-7632	Sequence 7632, Ap
1032	14.8	0.4	26	1	US-10-085-906-144	Sequence 144, App	1105	14.4	0.4	17	1	US-10-138-674-7632	Sequence 7632, Ap
1033	14.8	0.4	30	1	US-09-725-265-6	Sequence 6, Appli	1106	14.4	0.4	17	1	US-10-138-674-7632	Sequence 7632, Ap
1034	14.8	0.4	30	1	US-09-725-265-7	Sequence 7, Appli	1107	14.4	0.4	17	1	US-10-138-674-7632	Sequence 7632, Ap
1035	14.8	0.4	30	1	US-09-725-265-12	Sequence 12, Appl	1108	14.4	0.4	17	1	US-10-287-949A-2650	Sequence 2650, Ap
1036	14.8	0.4	30	1	US-09-891-517-7	Sequence 7, Appli	1109	14.4	0.4	17	1	US-10-287-949A-4753	Sequence 4753, Ap
1037	14.8	0.4	30	1	US-09-891-517-12	Sequence 12, Appl	1110	14.4	0.4	17	1	US-10-287-949A-6732	Sequence 6732, Ap
1038	14.8	0.4	30	1	US-10-209-608-6	Sequence 6, Appli	1111	14.4	0.4	17	1	US-10-287-949A-7632	Sequence 7632, Ap
1039	14.8	0.4	30	1	US-10-209-608-7	Sequence 7, Appli	1112	14.4	0.4	17	1	US-10-287-949A-7696	Sequence 7696, Ap
1040	14.8	0.4	30	1	US-10-209-608-12	Sequence 12, Appl	1113	14.4	0.4	17	1	US-10-712-672-27	Sequence 27, Appl
1041	14.8	0.4	30	1	US-10-683-386-6	Sequence 6, Appli	1114	14.4	0.4	17	1	US-10-712-672-526	Sequence 526, App
1042	14.8	0.4	30	1	US-10-683-386-7	Sequence 7, Appli	1115	14.4	0.4	17	1	US-10-712-672-2019	Sequence 2019, Ap
1043	14.8	0.4	30	1	US-10-683-386-12	Sequence 12, Appl	1116	14.4	0.4	17	1	US-10-712-672-2330	Sequence 2330, Ap
1044	14.8	0.4	39	1	US-10-219-195-30	Sequence 30, Appl	1117	14.4	0.4	17	1	US-10-712-672-2341	Sequence 2341, Ap
1045	14.8	0.4	39	1	US-10-219-195-31	Sequence 31, Appl	1118	14.4	0.4	17	1	US-10-712-672-2682	Sequence 2682, Ap
1046	14.8	0.4	45	1	US-09-827-289-18	Sequence 18, Appl	c1119	14.4	0.4	17	1	US-10-669-841-41	Sequence 41, Appl
1047	14.8	0.4	45	1	US-09-827-289-14	Sequence 14, Appl	1120	14.4	0.4	17	1	US-10-669-841-1412	Sequence 1412, Ap
c1048	14.8	0.4	45	1	US-09-827-289-14	Sequence 14, Appl	1121	14.4	0.4	17	1	US-10-669-841-1944	Sequence 1944, Ap
c1049	14.6	0.4	20	1	US-10-362-010-2	Sequence 2, Appli	c1122	14.4	0.4	17	1	US-10-723-361-2002	Sequence 2002, Ap
c1050	14.6	0.4	27	1	US-09-263-959-524	Sequence 524, App	c1123	14.4	0.4	17	1	US-10-723-361-2003	Sequence 2003, Ap
c1051	14.6	0.4	39	1	US-10-208-357-4	Sequence 4, Appli	c1124	14.4	0.4	17	1	US-10-723-361-2005	Sequence 2005, Ap
c1052	14.6	0.4	40	1	US-09-828-034-1	Sequence 1, Appli	c1125	14.4	0.4	17	1	US-10-723-361-2006	Sequence 2006, Ap
c1053	14.6	0.4	40	1	US-09-828-034-1	Sequence 1, Appli	c1126	14.4	0.4	17	1	US-10-723-361-7995	Sequence 7995, Ap
c1054	14.4	0.4	16	1	US-09-263-959-541	Sequence 867, App	1127	14.4	0.4	17	1	US-10-723-361-7997	Sequence 7997, Ap
1055	14.4	0.4	16	1	US-09-263-959-544	Sequence 544, App	1128	14.4	0.4	18	1	US-09-350-206-24	Sequence 24, Appl

1129	14.4	0.4	18	1	US-09-892-325-6	Sequence 6, Appli	1202	14.4	0.4	18	1	US-09-908-576-229	Sequence 229, App
1130	14.4	0.4	18	1	US-09-909-320-229	Sequence 229, App	1203	14.4	0.4	18	1	US-10-282-958-24	Sequence 24, Appli
c1131	14.4	0.4	18	1	US-09-969-373-3935	Sequence 3935, App	1204	14.4	0.4	18	1	US-10-299-976-229	Sequence 229, App
1132	14.4	0.4	18	1	US-09-909-088B-229	Sequence 229, App	1205	14.4	0.4	18	1	US-10-299-937-229	Sequence 1134, App
1133	14.4	0.4	18	1	US-09-905-291A-229	Sequence 229, App	c1206	14.4	0.4	18	1	US-10-440-850-1134	Sequence 1134, App
1134	14.4	0.4	18	1	US-09-349-755-24	Sequence 24, Appli	1207	14.4	0.4	18	1	US-10-298-993-229	Sequence 229, App
1135	14.4	0.4	18	1	US-09-166-334-24	Sequence 24, Appli	1208	14.4	0.4	18	1	US-10-448-923-229	Sequence 229, App
1136	14.4	0.4	18	1	US-09-902-853-229	Sequence 229, App	1209	14.4	0.4	18	1	US-10-449-656-229	Sequence 229, App
1137	14.4	0.4	18	1	US-09-907-824-229	Sequence 229, App	1210	14.4	0.4	18	1	US-10-448-713-229	Sequence 229, App
1138	14.4	0.4	18	1	US-09-907-841-229	Sequence 229, App	1211	14.4	0.4	18	1	US-10-206-618-33	Sequence 33, Appli
1139	14.4	0.4	18	1	US-09-904-011-229	Sequence 229, App	1212	14.4	0.4	18	1	US-10-425-447-229	Sequence 229, App
1140	14.4	0.4	18	1	US-09-903-640-229	Sequence 229, App	1213	14.4	0.4	18	1	US-10-215-371-229	Sequence 229, App
1141	14.4	0.4	18	1	US-09-908-093-229	Sequence 229, App	1214	14.4	0.4	18	1	US-10-771-187-229	Sequence 229, App
1142	14.4	0.4	18	1	US-09-906-742-229	Sequence 229, App	c1215	14.4	0.4	19	1	US-09-881-012-230	Sequence 230, App
1143	14.4	0.4	18	1	US-09-906-838-229	Sequence 229, App	c1216	14.4	0.4	19	1	US-09-754-066-6	Sequence 6, Appli
1144	14.4	0.4	18	1	US-09-907-613-229	Sequence 229, App	1217	14.4	0.4	19	1	US-10-251-117-712	Sequence 712, App
1145	14.4	0.4	18	1	US-09-907-942-229	Sequence 229, App	c1218	14.4	0.4	19	1	US-10-251-117-1019	Sequence 1019, App
1146	14.4	0.4	18	1	US-09-904-859-229	Sequence 229, App	1219	14.4	0.4	19	1	US-10-244-647-370	Sequence 370, App
1147	14.4	0.4	18	1	US-09-909-204-229	Sequence 229, App	1220	14.4	0.4	19	1	US-10-244-647-380	Sequence 380, App
1148	14.4	0.4	18	1	US-09-904-820-229	Sequence 229, App	1221	14.4	0.4	19	1	US-10-244-647-411	Sequence 411, App
1149	14.4	0.4	18	1	US-09-904-786-229	Sequence 229, App	1222	14.4	0.4	19	1	US-10-244-647-415	Sequence 415, App
1150	14.4	0.4	18	1	US-09-906-646-229	Sequence 229, App	c1223	14.4	0.4	19	1	US-10-244-647-1016	Sequence 1016, App
1151	14.4	0.4	18	1	US-09-906-700-229	Sequence 229, App	c1224	14.4	0.4	19	1	US-10-244-647-1026	Sequence 1026, App
1152	14.4	0.4	18	1	US-09-903-786-229	Sequence 229, App	c1225	14.4	0.4	19	1	US-10-244-647-1057	Sequence 1057, App
1153	14.4	0.4	18	1	US-09-903-903-229	Sequence 229, App	c1226	14.4	0.4	19	1	US-10-244-647-1061	Sequence 1061, App
1154	14.4	0.4	18	1	US-09-903-749A-229	Sequence 229, App	1227	14.4	0.4	19	1	US-10-665-951-1042	Sequence 1042, App
1155	14.4	0.4	18	1	US-09-904-119-229	Sequence 229, App	c1228	14.4	0.4	19	1	US-10-665-951-1366	Sequence 1366, App
1156	14.4	0.4	18	1	US-09-904-956-229	Sequence 229, App	1229	14.4	0.4	19	1	US-10-665-951-1734	Sequence 1734, App
1157	14.4	0.4	18	1	US-09-902-736-229	Sequence 229, App	c1230	14.4	0.4	19	1	US-10-665-951-1981	Sequence 1981, App
1158	14.4	0.4	18	1	US-09-907-794-229	Sequence 229, App	c1231	14.4	0.4	19	1	US-10-768-089-6	Sequence 6, Appli
1159	14.4	0.4	18	1	US-09-903-943-229	Sequence 229, App	c1232	14.4	0.4	20	1	US-09-752-110A-20	Sequence 20, Appli
1160	14.4	0.4	18	1	US-09-904-462-229	Sequence 229, App	c1233	14.4	0.4	20	1	US-09-755-004-10	Sequence 10, Appli
1161	14.4	0.4	18	1	US-09-907-925-229	Sequence 229, App	c1234	14.4	0.4	20	1	US-09-969-373-3262	Sequence 3262, App
1162	14.4	0.4	18	1	US-09-902-692-229	Sequence 229, App	1235	14.4	0.4	20	1	US-09-774-809-17	Sequence 17, Appli
1163	14.4	0.4	18	1	US-09-903-520-229	Sequence 229, App	c1236	14.4	0.4	20	1	US-09-232-785-389	Sequence 389, App
1164	14.4	0.4	18	1	US-09-905-056-229	Sequence 229, App	1237	14.4	0.4	20	1	US-09-920-671-14	Sequence 14, Appli
1165	14.4	0.4	18	1	US-09-909-084-229	Sequence 229, App	c1238	14.4	0.4	20	1	US-09-967-669-88	Sequence 88, Appli
1166	14.4	0.4	18	1	US-09-904-553-229	Sequence 229, App	c1239	14.4	0.4	20	1	US-10-090-011-38	Sequence 38, Appli
1167	14.4	0.4	18	1	US-09-905-381-229	Sequence 229, App	c1240	14.4	0.4	20	1	US-10-282-174-363	Sequence 363, App
1168	14.4	0.4	18	1	US-09-904-485-229	Sequence 229, App	1241	14.4	0.4	20	1	US-10-374-932-12	Sequence 12, Appli
1169	14.4	0.4	18	1	US-09-905-348-229	Sequence 229, App	1242	14.4	0.4	20	1	US-10-345-444B-17	Sequence 17, Appli
1170	14.4	0.4	18	1	US-09-905-088-229	Sequence 229, App	1243	14.4	0.4	20	1	US-10-264-588B-18	Sequence 18, Appli
1171	14.4	0.4	18	1	US-09-907-575-229	Sequence 229, App	c1244	14.4	0.4	20	1	US-10-380-124-65	Sequence 65, Appli
1172	14.4	0.4	18	1	US-09-905-075-229	Sequence 229, App	1245	14.4	0.4	20	1	US-10-425-037-1	Sequence 1, Appli
1173	14.4	0.4	18	1	US-09-902-759-229	Sequence 229, App	1246	14.4	0.4	20	1	US-10-379-741-12	Sequence 12, Appli
1174	14.4	0.4	18	1	US-09-902-634-229	Sequence 229, App	c1247	14.4	0.4	20	1	US-10-303-266-54	Sequence 54, Appli
1175	14.4	0.4	18	1	US-09-902-713-229	Sequence 229, App	1248	14.4	0.4	20	1	US-10-303-266-130	Sequence 130, App
1176	14.4	0.4	18	1	US-09-907-979-229	Sequence 229, App	1249	14.4	0.4	20	1	US-10-316-243-82	Sequence 82, Appli
1177	14.4	0.4	18	1	US-09-902-615-229	Sequence 229, App	c1250	14.4	0.4	20	1	US-10-316-243-155	Sequence 155, App
1178	14.4	0.4	18	1	US-09-903-925-229	Sequence 229, App	c1251	14.4	0.4	20	1	US-10-317-279-22	Sequence 22, Appli
1179	14.4	0.4	18	1	US-09-906-760A-229	Sequence 229, App	1252	14.4	0.4	20	1	US-10-317-279-51	Sequence 51, Appli
1180	14.4	0.4	18	1	US-09-903-823-229	Sequence 229, App	c1253	14.4	0.4	20	1	US-10-317-803-116	Sequence 116, App
1181	14.4	0.4	18	1	US-09-907-652-229	Sequence 229, App	c1254	14.4	0.4	20	1	US-10-671-395-1086	Sequence 1086, App
1182	14.4	0.4	18	1	US-09-902-572A-229	Sequence 229, App	1255	14.4	0.4	20	1	US-10-687-799-34	Sequence 34, Appli
1183	14.4	0.4	18	1	US-09-902-979-229	Sequence 229, App	1256	14.4	0.4	20	1	US-10-781-142-51	Sequence 51, Appli
1184	14.4	0.4	18	1	US-09-905-125-229	Sequence 229, App	1257	14.4	0.4	27	1	US-10-085-906-78	Sequence 78, Appli
1185	14.4	0.4	18	1	US-09-906-815A-229	Sequence 229, App	1258	14.4	0.4	28	1	US-10-085-906-147	Sequence 147, App
1186	14.4	0.4	18	1	US-09-905-449-229	Sequence 229, App	1259	14.4	0.4	30	1	US-09-725-265-11	Sequence 11, Appli
1187	14.4	0.4	18	1	US-09-903-806-229	Sequence 229, App	1260	14.4	0.4	30	1	US-09-891-517-11	Sequence 11, Appli
1188	14.4	0.4	18	1	US-09-904-992-229	Sequence 229, App	1261	14.4	0.4	30	1	US-10-209-608-11	Sequence 11, Appli
1189	14.4	0.4	18	1	US-09-904-838-229	Sequence 229, App	1262	14.4	0.4	30	1	US-10-683-386-11	Sequence 11, Appli
1190	14.4	0.4	18	1	US-09-906-777-229	Sequence 229, App	c1263	14.4	0.4	33	1	US-10-306-630-2	Sequence 2, Appli
1191	14.4	0.4	18	1	US-09-903-603A-229	Sequence 229, App	1264	14.4	0.4	39	1	US-10-219-195-34	Sequence 34, Appli
1192	14.4	0.4	18	1	US-09-904-532-229	Sequence 229, App	1265	14.2	0.4	19	1	US-09-925-548-51	Sequence 51, Appli
1193	14.4	0.4	18	1	US-09-904-766-229	Sequence 229, App	c1266	14.2	0.4	19	1	US-09-969-373-4190	Sequence 4190, App
1194	14.4	0.4	18	1	US-09-904-920A-229	Sequence 229, App	1267	14.2	0.4	19	1	US-09-263-359-923	Sequence 923, App
1195	14.4	0.4	18	1	US-09-904-877A-229	Sequence 229, App	1268	14.2	0.4	19	1	US-09-860-784-18	Sequence 18, Appli
1196	14.4	0.4	18	1	US-09-903-562-229	Sequence 229, App	1269	14.2	0.4	19	1	US-09-835-371-19	Sequence 19, Appli
1197	14.4	0.4	18	1	US-09-906-618-229	Sequence 229, App	1270	14.2	0.4	19	1	US-09-835-370-19	Sequence 19, Appli
1198	14.4	0.4	18	1	US-09-907-728-229	Sequence 229, App	1271	14.2	0.4	19	1	US-09-880-313A-47	Sequence 47, Appli
1199	14.4	0.4	18	1	US-09-904-805-229	Sequence 229, App	1272	14.2	0.4	19	1	US-09-864-636A-1955	Sequence 1955, App
1200	14.4	0.4	18	1	US-09-904-938A-229	Sequence 229, App	1273	14.2	0.4	19	1	US-09-793-146-17	Sequence 17, Appli
1201	14.4	0.4	18	1	US-09-906-722A-229	Sequence 229, App	1274	14.2	0.4	19	1	US-09-864-426A-1955	Sequence 1955, App

c1275	14.2	0.4	19	1	US-10-005-338B-177	Sequence 177, App	1348	14.2	0.4	20	1	US-10-238-443-75	Sequence 75, Appl
c1276	14.2	0.4	19	1	US-10-005-956-596	Sequence 596, App	c1349	14.2	0.4	20	1	US-10-216-373-30	Sequence 30, Appl
c1277	14.2	0.4	19	1	US-10-226-992-24	Sequence 24, Appl	c1350	14.2	0.4	20	1	US-10-016-149-35	Sequence 35, Appl
c1278	14.2	0.4	19	1	US-10-226-992-107	Sequence 107, App	c1351	14.2	0.4	20	1	US-10-108-164-127	Sequence 127, App
c1279	14.2	0.4	19	1	US-10-324-618-33	Sequence 33, Appl	c1352	14.2	0.4	20	1	US-10-001-844-11	Sequence 11, Appl
c1280	14.2	0.4	19	1	US-10-251-117-151	Sequence 151, App	c1353	14.2	0.4	20	1	US-10-149-352-13	Sequence 13, Appl
c1281	14.2	0.4	19	1	US-10-251-117-400	Sequence 400, App	c1354	14.2	0.4	20	1	US-10-269-501-20	Sequence 20, Appl
c1282	14.2	0.4	19	1	US-10-251-117-650	Sequence 650, App	c1355	14.2	0.4	20	1	US-10-309-362-75	Sequence 75, Appl
c1283	14.2	0.4	19	1	US-10-251-117-665	Sequence 665, App	c1356	14.2	0.4	20	1	US-10-007-010-11	Sequence 11, Appl
c1284	14.2	0.4	19	1	US-10-251-117-720	Sequence 720, App	c1357	14.2	0.4	20	1	US-10-007-010-25	Sequence 25, Appl
c1285	14.2	0.4	19	1	US-10-251-117-957	Sequence 957, App	c1358	14.2	0.4	20	1	US-10-017-621-32	Sequence 32, Appl
c1286	14.2	0.4	19	1	US-10-251-117-972	Sequence 972, App	c1359	14.2	0.4	20	1	US-10-017-621-46	Sequence 46, Appl
c1287	14.2	0.4	19	1	US-10-251-117-1027	Sequence 1027, App	c1360	14.2	0.4	20	1	US-10-187-049-10	Sequence 10, Appl
c1288	14.2	0.4	19	1	US-10-084-839-1955	Sequence 1955, App	c1361	14.2	0.4	20	1	US-10-024-396-52	Sequence 52, Appl
c1289	14.2	0.4	19	1	US-10-205-309-18	Sequence 18, Appl	c1362	14.2	0.4	20	1	US-10-029-517-76	Sequence 76, Appl
c1290	14.2	0.4	19	1	US-10-205-309-343	Sequence 343, App	c1363	14.2	0.4	20	1	US-10-348-485-83	Sequence 83, Appl
c1291	14.2	0.4	19	1	US-10-244-647-511	Sequence 511, App	c1364	14.2	0.4	20	1	US-10-339-604-66	Sequence 66, Appl
c1292	14.2	0.4	19	1	US-10-244-647-1157	Sequence 1157, App	c1365	14.2	0.4	20	1	US-10-376-566-67	Sequence 67, Appl
c1293	14.2	0.4	19	1	US-10-454-323-3	Sequence 3, Appl	c1366	14.2	0.4	20	1	US-10-197-921-53	Sequence 53, Appl
c1294	14.2	0.4	19	1	US-10-349-143-4702	Sequence 4702, App	c1367	14.2	0.4	20	1	US-10-091-625-53	Sequence 53, Appl
c1295	14.2	0.4	19	1	US-10-349-143-6383	Sequence 6383, App	c1368	14.2	0.4	20	1	US-10-091-625-72	Sequence 72, Appl
c1296	14.2	0.4	19	1	US-10-444-925-372	Sequence 372, App	c1369	14.2	0.4	20	1	US-10-032-585-4348	Sequence 4348, App
c1297	14.2	0.4	19	1	US-10-444-925-392	Sequence 392, App	c1370	14.2	0.4	20	1	US-10-032-585-5557	Sequence 5557, App
c1298	14.2	0.4	19	1	US-10-444-925-486	Sequence 486, App	c1371	14.2	0.4	20	1	US-10-096-399A-53	Sequence 53, Appl
c1299	14.2	0.4	19	1	US-10-444-958B-372	Sequence 372, App	c1372	14.2	0.4	20	1	US-10-096-399A-72	Sequence 72, Appl
c1300	14.2	0.4	19	1	US-10-376-770-89	Sequence 89, Appl	c1373	14.2	0.4	20	1	US-10-084-839-2531	Sequence 2531, App
c1301	14.2	0.4	19	1	US-10-182-644A-6	Sequence 6, Appl	c1374	14.2	0.4	20	1	US-10-369-845-4	Sequence 4, Appl
c1302	14.2	0.4	19	1	US-10-661-165-89	Sequence 89, Appl	c1375	14.2	0.4	20	1	US-10-321-856-243	Sequence 243, App
c1303	14.2	0.4	19	1	US-10-665-951-388	Sequence 388, App	c1376	14.2	0.4	20	1	US-10-311-886-45	Sequence 45, Appl
c1304	14.2	0.4	19	1	US-10-665-951-815	Sequence 815, App	c1377	14.2	0.4	20	1	US-10-193-477-105	Sequence 105, App
c1305	14.2	0.4	19	1	US-10-665-951-1041	Sequence 1041, App	c1378	14.2	0.4	20	1	US-10-193-477-113	Sequence 113, App
c1306	14.2	0.4	19	1	US-10-665-951-1046	Sequence 1046, App	c1379	14.2	0.4	20	1	US-10-005-344-338	Sequence 338, App
c1307	14.2	0.4	19	1	US-10-665-951-1052	Sequence 1052, App	c1380	14.2	0.4	20	1	US-10-461-668-53	Sequence 53, Appl
c1308	14.2	0.4	19	1	US-10-665-951-1365	Sequence 1365, App	c1381	14.2	0.4	20	1	US-10-461-668-72	Sequence 72, Appl
c1309	14.2	0.4	19	1	US-10-665-951-1370	Sequence 1370, App	c1382	14.2	0.4	20	1	US-10-144-488-57	Sequence 57, Appl
c1310	14.2	0.4	19	1	US-10-665-951-1376	Sequence 1376, App	c1383	14.2	0.4	20	1	US-10-181-873A-78	Sequence 78, Appl
c1311	14.2	0.4	19	1	US-10-665-951-1674	Sequence 1674, App	c1384	14.2	0.4	20	1	US-10-400-670-4	Sequence 4, Appl
c1312	14.2	0.4	19	1	US-10-665-951-1683	Sequence 1683, App	c1385	14.2	0.4	20	1	US-10-438-075-14	Sequence 14, Appl
c1313	14.2	0.4	19	1	US-10-665-951-1921	Sequence 1921, App	c1386	14.2	0.4	20	1	US-10-114-279-68	Sequence 68, Appl
c1314	14.2	0.4	19	1	US-10-665-951-1930	Sequence 1930, App	c1387	14.2	0.4	20	1	US-10-282-174-292	Sequence 292, App
c1315	14.2	0.4	19	1	US-10-665-951-2263	Sequence 2263, App	c1388	14.2	0.4	20	1	US-10-159-266-80	Sequence 80, Appl
c1316	14.2	0.4	19	1	US-10-665-951-2264	Sequence 2264, App	c1389	14.2	0.4	20	1	US-10-159-266-152	Sequence 152, App
c1317	14.2	0.4	19	1	US-10-600-070-13	Sequence 37, Appl	c1390	14.2	0.4	20	1	US-10-159-942-28	Sequence 28, Appl
c1318	14.2	0.4	19	1	US-10-715-117-13	Sequence 13, Appl	c1391	14.2	0.4	20	1	US-10-159-942-100	Sequence 100, App
c1319	14.2	0.4	19	1	US-10-715-117-14	Sequence 14, Appl	c1392	14.2	0.4	20	1	US-10-388-263-423	Sequence 423, App
c1320	14.2	0.4	19	1	US-10-385-163-95	Sequence 95, Appl	c1393	14.2	0.4	20	1	US-10-388-263-442	Sequence 442, App
c1321	14.2	0.4	19	1	US-10-796-177-95	Sequence 95, Appl	c1394	14.2	0.4	20	1	US-10-159-856-80	Sequence 80, Appl
c1322	14.2	0.4	19	1	US-10-683-990-22	Sequence 22, App	c1395	14.2	0.4	20	1	US-10-159-856-83	Sequence 83, Appl
c1323	14.2	0.4	19	1	US-10-683-990-119	Sequence 119, App	c1396	14.2	0.4	20	1	US-10-159-856-130	Sequence 130, App
c1324	14.2	0.4	20	1	US-09-216-393-243	Sequence 143, App	c1397	14.2	0.4	20	1	US-10-173-240-39	Sequence 39, Appl
c1325	14.2	0.4	20	1	US-09-758-881-138	Sequence 138, App	c1398	14.2	0.4	20	1	US-10-173-240-62	Sequence 62, Appl
c1326	14.2	0.4	20	1	US-09-915-229-3	Sequence 3, Appl	c1399	14.2	0.4	20	1	US-10-173-240-72	Sequence 72, Appl
c1327	14.2	0.4	20	1	US-09-861-893-3	Sequence 3, Appl	c1400	14.2	0.4	20	1	US-10-174-460-61	Sequence 61, Appl
c1328	14.2	0.4	20	1	US-09-842-628-11	Sequence 11, Appl	c1401	14.2	0.4	20	1	US-10-174-460-29	Sequence 29, Appl
c1329	14.2	0.4	20	1	US-09-416-384A-29	Sequence 29, Appl	c1402	14.2	0.4	20	1	US-10-348-431-29	Sequence 29, Appl
c1330	14.2	0.4	20	1	US-09-774-809-61	Sequence 61, Appl	c1403	14.2	0.4	20	1	US-10-188-646-64	Sequence 64, Appl
c1331	14.2	0.4	20	1	US-09-771-933-160	Sequence 160, App	c1404	14.2	0.4	20	1	US-10-188-646-134	Sequence 134, Appl
c1332	14.2	0.4	20	1	US-09-865-866-68	Sequence 68, Appl	c1405	14.2	0.4	20	1	US-10-349-143-11617	Sequence 11617, A
c1333	14.2	0.4	20	1	US-09-982-628B-62	Sequence 62, Appl	c1406	14.2	0.4	20	1	US-10-289-762-1841	Sequence 1841, App
c1334	14.2	0.4	20	1	US-09-760-285-4	Sequence 4, Appl	c1407	14.2	0.4	20	1	US-10-289-762-3458	Sequence 3458, App
c1335	14.2	0.4	20	1	US-09-899-440-2	Sequence 2, Appl	c1408	14.2	0.4	20	1	US-10-289-762-4668	Sequence 4668, App
c1336	14.2	0.4	20	1	US-09-864-636A-2531	Sequence 2531, App	c1409	14.2	0.4	20	1	US-10-289-762-4798	Sequence 4798, App
c1337	14.2	0.4	20	1	US-09-908-147-26	Sequence 26, App	c1410	14.2	0.4	20	1	US-10-289-762-4985	Sequence 4985, App
c1338	14.2	0.4	20	1	US-09-864-426A-2531	Sequence 2531, App	c1411	14.2	0.4	20	1	US-10-289-762-5790	Sequence 5790, App
c1339	14.2	0.4	20	1	US-10-282-130-11	Sequence 11, Appl	c1412	14.2	0.4	20	1	US-10-289-762-6696	Sequence 6696, App
c1340	14.2	0.4	20	1	US-10-079-429-55	Sequence 55, Appl	c1413	14.2	0.4	20	1	US-10-199-199-32	Sequence 32, Appl
c1341	14.2	0.4	20	1	US-10-079-429-66	Sequence 66, Appl	c1414	14.2	0.4	20	1	US-10-199-199-107	Sequence 107, App
c1342	14.2	0.4	20	1	US-10-079-429-69	Sequence 69, Appl	c1415	14.2	0.4	20	1	US-10-197-381-7	Sequence 7, Appl
c1343	14.2	0.4	20	1	US-10-116-949-38	Sequence 38, Appl	c1416	14.2	0.4	20	1	US-10-197-945A-14	Sequence 14, Appl
c1344	14.2	0.4	20	1	US-10-067-125-195	Sequence 195, App	c1417	14.2	0.4	20	1	US-10-197-962B-9	Sequence 9, Appl
c1345	14.2	0.4	20	1	US-10-224-260-3	Sequence 3, Appl	c1418	14.2	0.4	20	1	US-10-197-368-13	Sequence 13, Appl
c1346	14.2	0.4	20	1	US-10-000-773A-3	Sequence 3, Appl	c1419	14.2	0.4	20	1	US-10-197-919-8	Sequence 8, Appl
c1347	14.2	0.4	20	1	US-10-181-177-92	Sequence 92, Appl	c1420	14.2	0.4	20	1		


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; SOF IAWAKE:  P
; SEQ ID NO 24
: LENGTH: 40

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; PUBLICATION NO: 002000010101370
 ;
 ; GENERAL INFORMATION:
 ;
 ; APPLICANT: Diatech Pty. Ltd.
 ; TITLE OF INVENTION: An assay

Qy 1928 ACTGCACACAGACCTGTACATGATCATCGG 1958

RESULT 33
US-09-801-274-960
; Sequence 960, Application US/09801274
; Patent No. US20020032319A1

```
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 960
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-960

Query Match      0.8%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 4.6;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1407 CTGACGACGAGCGCGGCCCTGTACGTGCTG 1437
Db 1 CTGACGACGAGCGCGGCCCTGTACGTGCTG 31

RESULT 34
US-09-852-903C-21/c
; Sequence 21, Application US/09852903C
; Publication No. US20030104376A1
; GENERAL INFORMATION:
; APPLICANT: Diattech Pty. Ltd.
; TITLE OF INVENTION: An assay
; FILE REFERENCE: 2414918/BJH
; CURRENT APPLICATION NUMBER: US/09/852,903C
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: US 60/202,771
; PRIOR FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: US 60/202,559
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 32
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ( )..( )
; OTHER INFORMATION: CA-17
US-09-852-903C-21

Query Match      0.8%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 5.2;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGCGCTGTGTGTGTGTG 2349
Db 32 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 35
US-10-723-940-10/c
; Sequence 10, Application US/10723940
; Publication No. US20040185468A1
; GENERAL INFORMATION:
; APPLICANT: Leonard, Sherry
; APPLICANT: Freeman, Robert
; TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Receptor
; TITLE OF INVENTION: Gene
```

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; FILE REFERENCE: VARD-07989
; CURRENT APPLICATION NUMBER: US/10/723,940
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 08/956,518
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-723-940-10

Query Match      0.8%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 5.2;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGCGCTGTGTGTGTGTG 2349
Db 32 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 36
US-10-085-906-27
; Sequence 27, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-27

Query Match      0.8%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 7.2;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2319 GTGTGTGTGTGTGCGCTGTGTGTGTGTG 2349
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 31

RESULT 37
US-10-035-833A-117
; Sequence 117, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
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; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 117
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-117

Query Match 0.8%; Score 28.8; DB 1; Length 41;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 30; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2320 TGTGTGTGTGTGCGGTGTGTGTGTGTGTGTGCA 2353
||||| : |||||
Db 5 TGTGTGTGTGTGTAKGTGTGTGAGTGTGTGCA 38

RESULT 38

US-10-035-833A-5456
; Sequence 5456, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035.833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 5456
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-5456

Query Match 0.8%; Score 28.8; DB 1; Length 41;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 30; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2320 TGTGTGTGTGTGCGGTGTGTGTGTGTGTGTGCA 2353
||||| : |||||
Db 5 TGTGTGTGTGTGTAKGTGTGTGAGTGTGTGCA 38

RESULT 39

US-10-267-209-2
; Sequence 2, Application US/10267209
; Publication No. US20030105057A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Xin-Yuan
; APPLICANT: Chin, Yue E.
; APPLICANT: Xie, Bing
; TITLE OF INVENTION: Methods and Compositions for Stimulating Apoptosis and
; TITLE OF INVENTION: Cell Death or for Inhibiting Cell Growth and Cell
; TITLE OF INVENTION: Attachment
; FILE REFERENCE: 44574-5019-US
; CURRENT APPLICATION NUMBER: US/10/267.209
; CURRENT FILING DATE: 2002-10-09
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent in ver. 2.1
; SEQ ID NO 2
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequence for
; OTHER INFORMATION: site-directed mutagenesis of FGFR3 (mouse K644E)
US-10-267-209-2

Query Match 0.8%; Score 28.6; DB 1; Length 36;
Best Local Similarity 88.6%; Pred. No. 11;
Matches 31; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1711 GACTACTACAAGAGACCAACCAACGCGCGCTCCC 1745
||||| : |||||
Db 2 GACTACTACAAGAGACCAACCAACGCGCGCTACC 36

RESULT 40

US-10-085-906-93
; Sequence 93, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085.906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 93
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-93

Query Match 0.7%; Score 28.4; DB 1; Length 30;
Best Local Similarity 96.7%; Pred. No. 9.9;
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGTGTGTGTGTGTGT 2348
||||| : |||||
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 30

RESULT 41

US-09-263-959-665
; Sequence 665, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263.959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

Query Match 0.7%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 26;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2345
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGTG 27

RESULT 46

US-09-263-959-770
; Sequence 770, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 770:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-770

Query Match 0.7%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 26;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGCGTGTGTGTGTG 2344
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGTG 27

RESULT 47

US-10-168-327-2
; Sequence 2, Application US/10168327
; Publication No. US20030176381A1
; GENERAL INFORMATION:
; APPLICANT: Phillips, Nigel C.
; APPLICANT: Fillon, Mario C.
; TITLE OF INVENTION: Hyaluronic Acid in the Treatment of Cancer
; FILE REFERENCE: 02811-0211 (42368-274915)
; CURRENT APPLICATION NUMBER: US/10/168,327
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: PCT/CA00/01562
; PRIOR FILING DATE: 2000-12-28

; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-168-327-2

Query Match 0.7%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 26;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2345
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGTG 27

RESULT 48

US-09-263-959-600
; Sequence 600, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 600:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-600

Query Match 0.7%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGCGTGTGTGTGTG 2347
Db 1 TGTGTGTCTGTATGTGTGTGTGTGTGTG 30

RESULT 49

US-10-055-728-105
; Sequence 105, Application US/10055728
; Publication No. US20030170720A1

; GENERAL INFORMATION:
; APPLICANT: van der Kuyl, Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REN/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5'TAG019GENE
; US-10-055-728-105

Query Match 0.7%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1648 GTGACCGAGGACACGCGTGATGAAGA 1672
|||||
Db 1 GTGACCGAGGACACGCGTGATGAAGA 25

RESULT 50
US-10-310-677-105
; Sequence 105, Application US/10310677
; Publication No. US20030219772A1
; GENERAL INFORMATION:
; APPLICANT: Kuyl v.d., Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: Means and methods for treatment evaluation
; FILE REFERENCE: P55190US10
; CURRENT APPLICATION NUMBER: US/10/310,677
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: EP 01203703.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US 60/325,722
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 5'TAG019GENE
; NAME/KEY: misc_feature
; LOCATION: (1)..(25)
US-10-310-677-105

Query Match 0.7%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1648 GTGACCGAGGACACGCGTGATGAAGA 1672
|||||
Db 1 GTGACCGAGGACACGCGTGATGAAGA 25

RESULT 51
US-10-403-161-141

; Sequence 141, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 141
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-141

Query Match 0.7%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 714 CGCTAACCCACCCGACAGGAGCTA 738
|||||
Db 2 CGCTAACCCACCCGACAGGAGCTA 26

RESULT 52
US-10-403-161-144
; Sequence 144, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045

```
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 144
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-147

Query Match      0.7%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      714 CGCTAACACACCGACGAGGAGCTA 738
      |||||||
Db      2 CGCTAACACACCGACGAGGAGCTA 26

RESULT 53
US-10-403-161-147
; Sequence 147, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403.161
; CURRENT FILING DATE: 2003-03-31
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 147
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-147

Query Match      0.7%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1306 AAAGACGATGCCACTGACAGGACC 1330
      |||||||
Db      2 AAAGACGATGCCACTGACAGGACC 26
```

```
RESULT 54
US-10-055-728-106/c
; Sequence 106, Application US/10055728
; Publication No. US20030170720A1
; GENERAL INFORMATION:
; APPLICANT: van der Kuy1, Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REN/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 106
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'TAG019GENE
US-10-055-728-106

Query Match      0.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1933 ACACAGCAGCTGTACATGATCATG 1956
      |||||||
Db      24 ACACAGCAGCTGTACATGATCATG 1

RESULT 55
US-10-310-677-106/c
; Sequence 106, Application US/10310677
; Publication No. US20030219772A1
; GENERAL INFORMATION:
; APPLICANT: Kuy1 v.d., Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: Means and methods for treatment evaluation
; FILE REFERENCE: P55190US10
; CURRENT APPLICATION NUMBER: US/10/310,677
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: EP 01203703.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US 60/325,722
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3'TAG019GENE
; NAME/KEY: misc feature
; LOCATION: (1)..(24)
US-10-310-677-106

Query Match      0.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1933 ACACAGCAGCTGTACATGATCATG 1956
```



```
Db 1 GTGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 60
US-09-776-479-1068
; Sequence 1068, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Betty P. Tsao (Inventor)
; APPLICANT: Rita M. Cantor (Inventor)
; APPLICANT: Jerome I. Retter (Inventor)
; TITLE OF INVENTION: Genetic Marker Test for Lupus
; FILE REFERENCE: 18810-82152
; CURRENT APPLICATION NUMBER: US/09/909,317
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 09/280,181
; PRIOR FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-317-6

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 24 TGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 63
US-10-112-653-1012
; Sequence 1012, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1012
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-1012

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 64
US-10-017-995-1068
; Sequence 1068, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; US-09-909-317-6/c

Db 1 GTGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 60
US-09-776-479-1068
; Sequence 1068, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1068

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 62
US-09-909-317-6/c

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 62
US-09-909-317-6/c
```

```
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-1068

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 65
US-10-314-578-1068
; Sequence 1068, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1068

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 66
US-10-374-307-7/c
; Sequence 7, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-085-906-363

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2319 GTGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 67
US-10-374-307-12
; Sequence 12, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-374-307-12

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2319 GTGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 68
US-10-085-906-363
; Sequence 363, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 363
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-085-906-363
```

```
Query Match      0.6%; Score 22.2; DB 1; Length 27;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATATATATAT 2852
Db 1 ATATACATATATATATATATATATATAT 27

RESULT 69
US-09-953-047-6
; Sequence 6, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-09-953-047-6

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CCGCAAGCCTGTCCACCGTAGC 1292
Db 1 CCGCAAGCCTGTCCACCGTAGC 22

RESULT 70
US-10-462-896-21
; Sequence 21, Application US/10462896
; Publication No. US20040005704A1
; GENERAL INFORMATION:
; APPLICANT: California Institute of Technology
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System Progenitor Cells
; FILE REFERENCE: 2726-CIPI-D
; CURRENT APPLICATION NUMBER: US/10/462,896
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 09/425,462
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/195,569
; PRIOR FILING DATE: 1998-11-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 21
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward PCR primer for FGFR3
US-10-462-896-21

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGAGATGACGAAGAC 183
Db 1 ATCTCGGAGATGACGAAGAC 22

RESULT 71
US-10-462-896-22/c
```

```
; Sequence 22, Application US/10462896
; Publication No. US20040005704A1
; GENERAL INFORMATION:
; APPLICANT: California Institute of Technology
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System Progenitor Cells
; FILE REFERENCE: 2726-CIPI-D
; CURRENT APPLICATION NUMBER: US/10/462,896
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 09/425,462
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/195,569
; PRIOR FILING DATE: 1998-11-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse PCR primer for FGFR3
US-10-462-896-22

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GAGAACAAAGTTTGGCAGCATCC 487
Db 22 GAGAACAAAGTTTGGCAGCATCC 1

RESULT 72
US-10-403-161-148/c
; Sequence 148, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 148
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-148

Query Match      0.6%; Score 22; DB 1; Length 22;
```

Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1343 TGTCTGAGATGGAGATGATGAA 1364
Db 22 TGTCTGAGATGGAGATGATGAA 1

RESULT 73
US-10-630-401-6
; Sequence 6, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-630-401-6

Query Match 0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CCGCCAGCCTGTACCGTAGC 1292
Db 1 CCGCCAGCCTGTACCGTAGC 22

RESULT 74
US-10-626-772-47
; Sequence 47, Application US/10626772
; Publication No. US20040072344A1
; GENERAL INFORMATION:
; APPLICANT: KAZUTOMO INOUE,
; APPLICANT: DOHOON KIM,
; APPLICANT: YANJUN GU
; APPLICANT: MICHIO ISHII
; TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO FUNCTIONING CELLS
; FILE REFERENCE: 0020-5157P
; CURRENT APPLICATION NUMBER: US/10/626,772
; CURRENT FILING DATE: 2003-07-25
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-626-772-47

Query Match 0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGGAGATGACGAGAC 183
Db 1 ATCTCGGGAGATGACGAGAC 22

RESULT 75
US-09-953-562-24
; Sequence 24, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS CELL CARCINOMA
; FILE REFERENCE: E6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 24
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-953-562-24

Query Match 0.6%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 75;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1854 CCGTACCCCGCATCCCTGTG 1875
Db 3 CCGTACCCCGCATCCCTGTG 24

RESULT 76
US-10-085-906-111
; Sequence 111, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-111

Query Match 0.6%; Score 22; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
Db 3 TATATATACATATATATATA 24

RESULT 77
US-10-085-906-303
; Sequence 303, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.

; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-303

Query Match 0.6%; Score 22; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2823 TATATACATATATATATATA 2844
Db 3 TATATACATATATATATATA 24

RESULT 78
US-09-999-220B-27
; Sequence 27, Application US/09999220B
; Publication No. US20030059923A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB
; FILE REFERENCE: D005ONP
; CURRENT APPLICATION NUMBER: US/09/999,220B
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 60/245,383
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/257,780
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: US 60/269,854
; PRIOR FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 31
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-999-220B-27

Query Match 0.6%; Score 22; DB 1; Length 31;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 172 GATGACGAAGACGGGGGAGGAGGCTGAG 201
Db 2 GAAGACGAAGACGGGGGAGGAGGAGGACCAG 31

RESULT 79
US-09-999-220B-86
; Sequence 86, Application US/09999220B
; Publication No. US20030059923A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB
; FILE REFERENCE: D005ONP
; CURRENT APPLICATION NUMBER: US/09/999,220B
; CURRENT FILING DATE: 2002-06-04

; PRIOR APPLICATION NUMBER: US 60/245,383
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/257,780
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: US 60/269,854
; PRIOR FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 86
; LENGTH: 31
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-999-220B-86

Query Match 0.6%; Score 22; DB 1; Length 31;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 172 GATGACGAAGACGGGGGAGGAGGCTGAG 201
Db 2 GAAGACGAAGACGGGGGAGGAGGAGGACCAG 31

RESULT 80
US-09-999-220B-98
; Sequence 98, Application US/09999220B
; Publication No. US20030059923A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB
; FILE REFERENCE: D005ONP
; CURRENT APPLICATION NUMBER: US/09/999,220B
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 60/245,383
; PRIOR FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/257,780
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: US 60/269,854
; PRIOR FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 98
; LENGTH: 31
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-999-220B-98

Query Match 0.6%; Score 22; DB 1; Length 31;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 172 GATGACGAAGACGGGGGAGGAGGCTGAG 201
Db 2 GAAGACGAAGACGGGGGAGGAGGAGGACCAG 31

RESULT 81
US-09-953-047-5/c
; Sequence 5, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-953-047-5

Query Match          0.6%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1297 AAGATGCTGAAGACGATGCC 1317
Db 21 AAGATGCTGAAGACGATGCC 1

RESULT 82
US-10-403-161-142/c
; Sequence 142, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 142
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-142

Query Match          0.6%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 742 GTTCTCTCTTGCACACGTC 762
Db 21 GTTCTCTCTTGCACACGTC 1

RESULT 84
US-10-630-401-5/c
; Sequence 5, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-630-401-5

Query Match          0.6%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1297 AAGATGCTGAAGACGATGCC 1317
Db 21 AAGATGCTGAAGACGATGCC 1

RESULT 85
US-09-953-562-2/c
```

```
; Sequence 2, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: B6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 2
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Downstream primer
US-09-953-562-2

Query Match      0.5%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2180 GGGGCTCGGACGTGAGGGCCACTG 2206
Db      27 GGGGCTCGGACGTGAGGAATTCTG 1

RESULT 86
US-10-773-951-54
; Sequence 54, Application US/10773951
; Publication No. US20040157255A1
; GENERAL INFORMATION:
; APPLICANT: Agus, David
; APPLICANT: Shak, Steven
; APPLICANT: Cronin, Maureen
; APPLICANT: Baker, Joffre
; TITLE OF INVENTION: Gene Expression Markers for Response to
; TITLE OF INVENTION: EGFR Inhibitor Drugs
; FILE REFERENCE: 39740/0009
; CURRENT APPLICATION NUMBER: US/10/773,951
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 60/445,968
; PRIOR FILING DATE: 2003-02-06
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: probe
US-10-773-951-54

Query Match      0.5%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1718 ACAAGAGACAACCAACGGCGGCTCC 1744
Db      1 ATAAAAAGACAACCAACGGCGGCTGC 27

RESULT 87
US-09-953-562-25
; Sequence 25, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: B6114-01
```

```
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-953-562-25

Query Match      0.5%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1854 CCGTACCCCGCATCCCTGTG 1875
Db      3 CCGTACCCCTGCATCCCTGTG 24

RESULT 88
US-10-374-307-9
; Sequence 9, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-9

Query Match      0.5%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2823 TATATATACATATATATATA 2844
Db      2 TATATATATATATATATATA 23

RESULT 89
US-10-374-307-9/C
; Sequence 9, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-9
```


Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATATATA 2844
|||||
Db 25 TATATATATATATATATATATA 4

RESULT 94
US-10-098-263B-58579/c
; Sequence 58579, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 58579
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-58579

Query Match 0.5%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 1.5e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3763 ACTTCCGAAAAATAAGACACCTG 3787
|||||
Db 25 ACTTACCGAAAAAGTTAAGACACCTG 1

RESULT 95
US-10-098-263B-58580/c
; Sequence 58580, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 58580
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-58580

Query Match 0.5%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 1.5e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3763 ACTTCCGAAAAATAAGACACCTG 3787
|||||
Db 25 ACTTACCGAAAAACTTAAGACACCTG 1

RESULT 96
US-10-716-029-50
; Sequence 50, Application US/10716029
; Publication No. US20040171038A1
; GENERAL INFORMATION:
; APPLICANT: Nicklin, Martin
; APPLICANT: Duff, Gordon
; APPLICANT: Kornman, Kenneth

; APPLICANT: Kolpin, Maryam R
; APPLICANT: Heieh, Chung-Ming
; APPLICANT: Govindaraju, Raju
; APPLICANT: Aziz, Nazneen
; TITLE OF INVENTION: The IL-1 Gene Cluster and Associated Inflammatory Polymorphisms
; FILE REFERENCE: 24299-524 CON
; CURRENT APPLICATION NUMBER: US/10/716,029
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: 10/351,702
; PRIOR FILING DATE: 2003-01-25
; PRIOR APPLICATION NUMBER: 60/351,951
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 277
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-716-029-50

Query Match 0.5%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 1.5e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTG 2343
|||||
Db 1 GTGTGTGTGTGTGTGTGTGTGTG 25

RESULT 97
US-09-953-047-20/c
; Sequence 20, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-20

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 CTGTGCCACTTCAGTGTGCG 146
|||||
Db 20 CTGTGCCACTTCAGTGTGCG 1

RESULT 98
US-09-953-047-21/c
; Sequence 21, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 21
; LENGTH: 20

;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-21

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 CAGACGCTCCATCTCGGA 171
|||||
Db 20 CAGACGCTCCATCTCGGA 1

RESULT 99

US-09-953-047-22/c
; Sequence 22, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 22

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-22

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGGAGATGACGAAG 181
|||||
Db 20 ATCTCGGGAGATGACGAAG 1

RESULT 100

US-09-953-047-23/c
; Sequence 23, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 23

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-23

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 197 CTGAGGACACAGGTGTGGAC 216
|||||
Db 20 CTGAGGACACAGGTGTGGAC 1

RESULT 101

US-09-953-047-24/c
; Sequence 24, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 24

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-24

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 ACTGGACACGGCCCGAGCGG 249
|||||
Db 20 ACTGGACACGGCCCGAGCGG 1

RESULT 102

US-09-953-047-25/c
; Sequence 25, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 25

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-25

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 326 CCTCCATCTCTCGCTGAAG 345
|||||
Db 20 CCTCCATCTCTCGCTGAAG 1

RESULT 103

US-09-953-047-26/c
; Sequence 26, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 26

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-26

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 483 CATCCGGCAGACGTACACGC 502
|||||
Db 20 CATCCGGCAGACGTACACGC 1

RESULT 104

US-09-953-047-27/c
; Sequence 27, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-27

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 584 ACGTGGAGTTCACCTGCAAG 603
|||||
Db 20 ACGTGGAGTTCACCTGCAAG 1

RESULT 105

US-09-953-047-29/c
; Sequence 29, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-29

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 897 AGGCATCTCAGCTACGGG 916
|||||
Db 20 AGGCATCTCAGCTACGGG 1

RESULT 106

US-09-953-047-30/c
; Sequence 30, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-30

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1024 TTCCCGCTCAAGCGACAGGT 1043
|||||
Db 20 TTCCCGCTCAAGCGACAGGT 1

RESULT 107

US-09-953-047-31/c
; Sequence 31, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-31

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1491 CCCGGGCGCTGACTACTCCT 1510
|||||
Db 20 CCCGGGCGCTGACTACTCCT 1

RESULT 108

US-09-953-047-32/c
; Sequence 32, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-32

```

```
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
```

QY 1688 TGGCCCGGACGTGCAAC 1707
DB 20 TGGCCCGGACGTGCAAC 1

RESULT 109

US-09-953-047-33/c
; Sequence 33, Application US/09953047
; Publication No. US20030087854A1

: GENERAL INFORMATION:

: APPLICANT: Brett P. Monia

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF

FILE OF INVENTION: AMI
FILE REFERENCE: RTS-0157

FILE REFERENCE: KIS-0157
CURRENT APPLICATION NUMBER: IIS/09/953.047

;; CURRENT APPLICATION NUMBER: US/0
: CURRENT FILING DATE: 2001-09-10

NUMBER OF SEC TO NOC: 95

; NUMBER OF S
SEC ID NO 32; SEQ ID NO 33
7 PAGE 11 30; LENGTH: 20
TYPE: CNA

TYPE: DNA

; ORGANISM:

;
;
FEATURE;

; OTHER INFORM

```
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20: Conservative 0; Mismatches 0; Indels
```

Qy 2185 TCGGGACGTGAAGGCCAC 2204
db 20 TCGGGACGTGAAGGCCAC 1

RESULT 110

US-09-953-047-34/c
; Sequence 34, Application US/09953047
; Publication No. US20030087854A1

: GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: JACQUELINE WYATT

: TITLE OF INVENTION: ANTISENSE MODULATION OF

; TITLE OF INVENTION: ANTI-
; FILE REFERENCE: RTS-0157

FILE REFERENCE: KIS-0137
CURRENT APPLICATION NUMBER: IIS/09/953.047

; CURRENT APPLICATION NUMBER: US/0
 : CURRENT FILING DATE: 2001-09-10

); CURRENT FILING DATE: 200

NUMBER OF S
CEO TD NO 34

SEQ	ID	NO	34
1	ENCTH	30	

; LENGTH: 20
TURN OFF

; TYPE: DNA

; ORGANISM
TEST SYSTEM

```
; FEATURE: C O T A G I N E
```

; OTHER INFORM

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels

QY 2211 CCAACAATGTGAGGGTCCC 2230
|||||
db 20 CCAACAATGTGAGGGTCCC 1

RESULT 111

US-09-953-047-35/C

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-37

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2534 CTGGGCCCGACATGCTCGG 2553
|||||
DB 20 CTGGGCCCGACATGCTCGG 1

RESULT 114

US-09-953-047-38/c
; Sequence 38, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-38

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2572 GGGACATCACAGGTCGCT 2591
|||||
DB 20 GGGACATCACAGGTCGCT 1

RESULT 115

US-09-953-047-39/c
; Sequence 39, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-39

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2798 CTATAAATAGATGCTGTGA 2817
|||||
DB 20 CTATAAATAGATGCTGTGA 1

RESULT 116

US-09-953-047-40/c
; Sequence 40, Application US/09953047

; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-40

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2853 GGAAGAGGAAAGGCTGGTA 2872
|||||
DB 20 GGAAGAGGAAAGGCTGGTA 1

RESULT 117

US-09-953-047-41/c
; Sequence 41, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-41

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2870 GTACAACGGAGCGCTGGAC 2889
|||||
DB 20 GTACAACGGAGCGCTGGAC 1

RESULT 118

US-09-953-047-42/c
; Sequence 42, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-42

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2884 TCGGACCTCTGGGGGCACAGG 2903
|||||
DB 20 TCGGACCTCTGGGGGCACAGG 1

RESULT 119

US-09-953-047-43/c
; Sequence 43, Application US/09953047
; Publication No. US20030087854A1

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-43

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 GTAAAGCTATTATGGGCC 3053
|||||
DB 20 GTAAAGCTATTATGGGCC 1

RESULT 120

US-09-953-047-44/c
; Sequence 44, Application US/09953047
; Publication No. US20030087854A1

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-44

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3121 TTTTAACTTATGACACC 3140
|||||
DB 20 TTTTAACTTATGACACC 1

RESULT 121

US-09-953-047-45/c
; Sequence 45, Application US/09953047
; Publication No. US20030087854A1

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-45

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3157 CCGATAGAGGCGGCCAAG 3176
|||||
DB 20 CCGATAGAGGCGGCCAAG 1

RESULT 122

US-09-953-047-46/c
; Sequence 46, Application US/09953047
; Publication No. US20030087854A1

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-46

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3248 GATTCAGTGAAGATATTTT 3267
|||||
DB 20 GATTCAGTGAAGATATTTT 1

RESULT 123

US-09-953-047-47/c
; Sequence 47, Application US/09953047
; Publication No. US20030087854A1

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-47

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3273 CTTTGTCTTTTTCAGGAGA 3292
|||||
Db 20 CTTTGTCTTTTTCAGGAGA 1

RESULT 124
US-09-953-047-48/c
; Sequence 48, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-48

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3349 GCTGGTATTTTCATACAAAT 3368
|||||
Db 20 GCTGGTATTTTCATACAAAT 1

RESULT 125
US-09-953-047-49/c
; Sequence 49, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-49

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3374 TAATTGCTGTGTCCAGG 3393
|||||
Db 20 TAATTGCTGTGTCCAGG 1

RESULT 126
US-09-953-047-50/c
; Sequence 50, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-50

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3424 CCTGTGTGAGTTCGGATG 3443
|||||
Db 20 CCTGTGTGAGTTCGGATG 1

RESULT 127
US-09-953-047-51/c
; Sequence 51, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-51

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3565 GCTACCTTTCAAAGCTTGA 3584
|||||
Db 20 GCTACCTTTCAAAGCTTGA 1

RESULT 128
US-09-953-047-52/c
; Sequence 52, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-52

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3652 TTGCTTGCTGCTGAGGGCCAT 3671
|||||
Db 20 TTGCTTGCTGCTGAGGGCCAT 1

RESULT 129
US-09-953-047-53/c
; Sequence 53, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-53

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3690 CTTGGGGCCCATGTCATGT 3709
|||||
Db 20 CTTGGGGCCCATGTCATGT 1

RESULT 130
US-09-953-047-54/c
; Sequence 54, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-54

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3767 TCCGAAAATAAGACACCT 3786
|||||
Db 20 TCCGAAAATAAGACACCT 1

RESULT 131
US-09-953-047-55/c
; Sequence 55, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-55

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3777 AAAGACACCTGTTGCTAAC 3796
|||||
Db 20 AAAGACACCTGTTGCTAAC 1

RESULT 132
US-09-953-047-71/c
; Sequence 71, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-71

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 110 GGCTCAGCAGCGGTACTG 129
|||||
Db 20 GGCTCAGCAGCGGTACTG 1

RESULT 133
US-09-953-047-72/c
; Sequence 72, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-72

Query Match 0.5%; Score 20; DB 1; Length 20;

```
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 122 GCGTACTGTGCCACTTCAGT 141
    |||||
Db 20 GCGTACTGTGCCACTTCAGT 1

RESULT 134
US-09-953-047-73/c
; Sequence 73, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-73

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 262 CTGCTGCGCGTGTCCGCCGCGC 281
    |||||
Db 20 CTGCTGCGCGTGTCCGCCGCGC 1

RESULT 135
US-09-953-047-74/c
; Sequence 74, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-74

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 396 GCATCAGCAGTGGAGCCTGG 415
    |||||
Db 20 GCATCAGCAGTGGAGCCTGG 1

RESULT 136
US-09-953-047-75/c
; Sequence 75, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
```

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; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-75

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GAGAACAAAGTTGGCAGCAT 485
    |||||
Db 20 GAGAACAAAGTTGGCAGCAT 1

RESULT 137
US-09-953-047-76/c
; Sequence 76, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-76

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAAGTTGGCAGCATCCGCGC 490
    |||||
Db 20 CAAGTTGGCAGCATCCGCGC 1

RESULT 138
US-09-953-047-77/c
; Sequence 77, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-77

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAAGTTGGCAGCATCCGCGC 490
    |||||
Db 20 CAAGTTGGCAGCATCCGCGC 1
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GTGGCCCGGACGGACACC 686
Db 20 GTGGCCCGGACGGACACC 1

RESULT 139

US-09-953-047-78/c
; Sequence 78, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 78

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-78

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 CACCACCGACAGGACTAG 739
Db 20 CACCACCGACAGGACTAG 1

RESULT 140

US-09-953-047-79/c
; Sequence 79, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 79

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-79

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 CGACACGAGCTAGAGTTTC 745
Db 20 CGACACGAGCTAGAGTTTC 1

RESULT 141

US-09-953-047-80/c
; Sequence 80, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-80

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 820 CATCACTCTGCGTGGTGGT 839
Db 20 CATCACTCTGCGTGGTGGT 1

RESULT 142

US-09-953-047-81/c
; Sequence 81, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 81

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-81

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 825 CTCTGCGTGGCTGGTGGTGC 844
Db 20 CTCTGCGTGGCTGGTGGTGC 1

RESULT 143

US-09-953-047-82/c
; Sequence 82, Application US/09953047
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 82

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-82

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 929 TGTTTCATCTGGTGGTGGCG 948
Db 20 TGTTTCATCTGGTGGTGGCG 1

```

RESULT 144
US-09-953-047-83/c
; Sequence 83, Application US/09953047
; Publication NO. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF F
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-83

```

Query Match	0.5%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%	Pred. No. 1.2e+02;		
Matches 20;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 1260 CAAGGACCGGGCCGCCAAGC 1279
Db 20 CAAGGACCGGGCCGCCAAGC 1

```

RESULT 145
US-09-953-047-84/C
; Sequence 84, Application US/09953047
; Publication NO. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF P
; FILE REFERENCE: RIS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-84

```

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1434 GCTGGTGGAGTACGGGCCA 1453
Db 20 GCTGGTGGAGTACGGGCCA 1

```

RESULT 146
US-09-933-047-85/c
; Sequence 85, Application US/09953047
; Publication NO. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF F
; FILE REFERENCE: RTS-0157

```

; TITLE: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION IN HUMAN COLON CANCER CELL LINES
 ; AUTHOR: JACQUELINE HYATT
 ; AFFILIATION: UNIVERSITY OF SHEFFIELD
 ; DATE OF INVENTION: 1998-01-01
 ; FILE REFERENCE: RTS-0157

```

; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleo
US-09-953-047-85

```

Query Match	0.5%;	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches 20;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps 0;				

QY 1523 AGCCGCCCGAGGAGCAGCTC 1542
Db 20 AGCCGCCCGAGGAGCAGCTC 1

```

RESULT 147
US-09-953-047-86/c
; Sequence 86, Application US/09953047
; Publication NO. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF F
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-86

```

Query Match	0.5%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches 20;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps	0;			

Qy 2031 TACCGTGACGTCCACCGACG 2050
Db 20 TACCGTGACGTCCACCGACG 1

```

RESULT 148
US-09-953-047-87/c
; Sequence 87, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF F
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-87

```

Query Match	0.5%	Score 20;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 1.2e+02;		
Matches 20;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps	0;			

QY 2549 CTCGGCCTCTGCCTTTGCAC 2568
Db 20 CTCGGCCTCTGCCTTTGCAC 1

RESULT 149

US-09-953-047-88/c
; Sequence 88, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 88
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-88

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2557 CTGCTTTGCACACGGGAC 2576
Db 20 CTGCTTTGCACACGGGAC 1

RESULT 150

US-09-953-047-89/c
; Sequence 89, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 89
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-89

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2601 CCACCCCAAGCTGAGCCT 2620
Db 20 CCACCCCAAGCTGAGCCT 1

RESULT 151

US-09-953-047-90/c
; Sequence 90, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-90

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2729 ACGGTACCTGAAGATGGGA 2748
Db 20 ACGGTACCTGAAGATGGGA 1

RESULT 152

US-09-953-047-91/c
; Sequence 91, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 91
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-91

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2820 TGGTATATACATATATAT 2839
Db 20 TGGTATATACATATATAT 1

RESULT 153

US-09-953-047-92/c
; Sequence 92, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 92
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-92

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3382 GTGTGTCCAGGAGGAGA 3401

Db 20 GTGTGTCCTCCAGGCGGAGGAGA 1
|||||

RESULT 154

US-09-953-047-93/c

; Sequence 93, Application US/09953047

; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RFS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 93

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-93

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3506 TATTGTTGTAGACTTAACA 3525

Db 20 TATTGTTGTAGACTTAACA 1

RESULT 155

US-09-953-047-94/c

; Sequence 94, Application US/09953047

; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RFS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 94

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-94

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3626 GGGCCCTGAGCTGGGCGAGC 3645

Db 20 GGGCCCTGAGCTGGGCGAGC 1

RESULT 156

US-09-953-047-95/c

; Sequence 95, Application US/09953047

; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RFS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 95

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-95

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3729 ACCGCGAGGTGCGATTTTGT 3748

Db 20 ACCGCGAGGTGCGATTTTGT 1

RESULT 157

US-09-953-562-23/c

; Sequence 23, Application US/09953562

; Publication No. US20030096241A1

; GENERAL INFORMATION:

; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.

; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS

; FILE REFERENCE: E6114-01

; CURRENT APPLICATION NUMBER: US/09/953,562

; CURRENT FILING DATE: 2003-02-24

; PRIOR APPLICATION NUMBER: JF 2001-083352

; PRIOR FILING DATE: 2001-03-22

; NUMBER OF SEQ ID NOS: 27

; SEQ ID NO 23

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Exon 19 downstream primer

US-09-953-562-23

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2188 CGGACGTGAAGGCCCACTGG 2207

Db 20 CGGACGTGAAGGCCCACTGG 1

RESULT 158

US-10-403-161-140

; Sequence 140, Application US/10403161

; Publication No. US20040043930A1

; GENERAL INFORMATION:

; APPLICANT: Anderson, David et al.

; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

; FILE REFERENCE: 21402-573C

; CURRENT APPLICATION NUMBER: US/10/403,161

; CURRENT FILING DATE: 2003-03-31

; PRIOR APPLICATION NUMBER: 60/370349

; PRIOR FILING DATE: 2002-04-05

; PRIOR APPLICATION NUMBER: 60/384543

; PRIOR FILING DATE: 2002-05-30

; PRIOR APPLICATION NUMBER: 60/370969

; PRIOR FILING DATE: 2002-04-08

; PRIOR APPLICATION NUMBER: 60/403748

; PRIOR FILING DATE: 2002-08-15

; PRIOR APPLICATION NUMBER: 60/372019

; PRIOR FILING DATE: 2002-04-12

; PRIOR APPLICATION NUMBER: 60/374379

; PRIOR FILING DATE: 2002-04-22

; PRIOR APPLICATION NUMBER: 09/779679

; PRIOR FILING DATE: 2001-02-08

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; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-140

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 686 CCTACGTTACCGTGCTCAAG 705
Db 1 CCTACGTTACCGTGCTCAAG 20

RESULT 159
US-10-403-161-143
; Sequence 143, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; PRIOR FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-143

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 686 CCTACGTTACCGTGCTCAAG 705
Db 1 CCTACGTTACCGTGCTCAAG 20
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Db 1 CCTACGTTACCGTGCTCAAG 20

RESULT 160
US-10-630-401-20/c
; Sequence 20, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-20

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 CTGTGCCACTTCAGTGTGGG 146
Db 20 CTGTGCCACTTCAGTGTGGG 1

RESULT 161
US-10-630-401-21/c
; Sequence 21, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-21

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 CAGACGCTCCATCTCGGGA 171
Db 20 CAGACGCTCCATCTCGGGA 1

RESULT 162
US-10-630-401-22/c
; Sequence 22, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
```

; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-22

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGAGATGACGAAG 181
Db 20 ATCTCGGAGATGACGAAG 1

RESULT 163
US-10-630-401-23/c
; Sequence 23, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-23

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 197 CTGAGGACACAGGTGTGGAC 216
Db 20 CTGAGGACACAGGTGTGGAC 1

RESULT 164
US-10-630-401-24/c
; Sequence 24, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-24

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 ACTGGACAGGCCCGAGCGG 249
Db 20 ACTGGACAGGCCCGAGCGG 1

RESULT 165
US-10-630-401-25/c
; Sequence 25, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-25

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 326 CCTCCATCTCTGGCTGAAG 345
Db 20 CCTCCATCTCTGGCTGAAG 1

RESULT 166
US-10-630-401-26/c
; Sequence 26, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-26

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 483 CATCCGGCAGCGTACACGC 502
Db 20 CATCCGGCAGCGTACACGC 1

```
RESULT 167
US-10-630-401-27/c
; Sequence 27, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-27

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 584 ACGTGGAGTCCACTCAAG 603
Db 20 ACGTGGAGTCCACTCAAG 1

RESULT 168
US-10-630-401-29/c
; Sequence 29, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-29

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 897 AGGCATCCTCAGTACGGGG 916
Db 20 AGGCATCCTCAGTACGGGG 1

RESULT 169
US-10-630-401-30/c
; Sequence 30, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
```

```
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-30

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1024 TTCCCGCTCAGCGACAGGT 1043
Db 20 TTCCCGCTCAGCGACAGGT 1

RESULT 170
US-10-630-401-31/c
; Sequence 31, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-31

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1491 CCGGGCCTGGACTACTCTCT 1510
Db 20 CCGGGCCTGGACTACTCTCT 1

RESULT 171
US-10-630-401-32/c
; Sequence 32, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-32
```

```
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1688 TGGCCCGGACGTGCACAAC 1707
DB 20 TGGCCCGGACGTGCACAAC 1

RESULT 172
US-10-630-401-33/c
; Sequence 33, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-33

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 TCGCGGACGTGAAGGGCCAC 2204
DB 20 TCGCGGACGTGAAGGGCCAC 1

RESULT 173
US-10-630-401-34/c
; Sequence 34, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-34

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2211 CCAACAATGTGAGGGGTCCC 2230
DB 20 CCAACAATGTGAGGGGTCCC 1

RESULT 174
US-10-630-401-35/c
; Sequence 35, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-35

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2343 GTGTGTGTGCACATCCGCGT 2362
DB 20 GTGTGTGTGCACATCCGCGT 1

RESULT 175
US-10-630-401-36/c
; Sequence 36, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-36

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2457 CGAGGGGCGCTTTGTCTCTGGG 2476
DB 20 CGAGGGGCGCTTTGTCTCTGGG 1

RESULT 176
US-10-630-401-37/c
; Sequence 37, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-37
```

;
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-37

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2534 CTGGCCCGACATGGCTCGG 2553
DB 20 CTGGCCCGACATGGCTCGG 1

RESULT 177
US-10-630-401-38/c
; Sequence 38, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-38

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2572 GGGACATCACAGGTGGCT 2591
DB 20 GGGACATCACAGGTGGCT 1

RESULT 178
US-10-630-401-39/c
; Sequence 39, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-39

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2798 CTATAAATAGATGCTGTGTA 2817
DB 20 CTATAAATAGATGCTGTGTA 1

RESULT 179
US-10-630-401-40/c
; Sequence 40, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-40

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2853 GGAAGAGGAAAGGCTGGTA 2872
DB 20 GGAAGAGGAAAGGCTGGTA 1

RESULT 180
US-10-630-401-41/c
; Sequence 41, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-41

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2870 GTACACGGAGGCTCGGAC 2889
DB 20 GTACACGGAGGCTCGGAC 1

RESULT 181
US-10-630-401-42/c
; Sequence 42, Application US/10630401

; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-42

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2884 TGGACCCCTGGGGCAGG 2903
|||||
DB 20 TGGACCCCTGGGGCAGG 1

RESULT 182
US-10-630-401-43/c
; Sequence 43, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-43

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 GTAAAGCTATTATGGGCC 3053
|||||
DB 20 GTAAAGCTATTATGGGCC 1

RESULT 183
US-10-630-401-44/c
; Sequence 44, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-44

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3121 TTTTAACTATTGACAACC 3140
|||||
DB 20 TTTTAACTATTGACAACC 1

RESULT 184
US-10-630-401-45/c
; Sequence 45, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-45

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3157 CCGATAGGGGACGCCAAG 3176
|||||
DB 20 CCGATAGGGGACGCCAAG 1

RESULT 185
US-10-630-401-46/c
; Sequence 46, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-46

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3248 GATTCAGTGAAGATATTTT 3267
DB 20 GATTCAGTGAAGATATTTT 1

US-10-630-401-47/c
; Sequence 47, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-47

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3273 CTTTGCTTTTTCAGGAGA 3292
DB 20 CTTTGCTTTTTCAGGAGA 1

US-10-630-401-48/c
; Sequence 48, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-48

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3349 GCTGGTATTTTCACAAAT 3368
DB 20 GCTGGTATTTTCACAAAT 1

US-10-630-401-49/c
; Sequence 49, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-49

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3374 TAATTGCTGTGTCCAGG 3393
DB 20 TAATTGCTGTGTCCAGG 1

US-10-630-401-50/c
; Sequence 50, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-50

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3424 CCTGTGTGCGGTTCCGATG 3443
DB 20 CCTGTGTGCGGTTCCGATG 1

US-10-630-401-51/c
; Sequence 51, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 51
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-51

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3565 GCTACCTTTCAAAGCTTGGG 3584
DB 20 GCTACCTTTCAAAGCTTGGG 1

RESULT 191

US-10-630-401-52/c
; Sequence 52, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-52

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3652 TTGCTTGCTGCAGGGCCAT 3671
DB 20 TTGCTTGCTGCAGGGCCAT 1

RESULT 192

US-10-630-401-53/c
; Sequence 53, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-53

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3690 CTTGGGGCCCGATGTCATGGT 3709

DB 20 CTTGGGGCCCGATGTCATGGT 1

RESULT 193

US-10-630-401-54/c
; Sequence 54, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-54

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3767 TCCGAAAAATAAGACACCT 3786
DB 20 TCCGAAAAATAAGACACCT 1

RESULT 194

US-10-630-401-55/c
; Sequence 55, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-55

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3777 AAAGACACCTGGTTGCTAAC 3796
DB 20 AAAGACACCTGGTTGCTAAC 1

RESULT 195

US-10-630-401-71/c
; Sequence 71, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-71


```
RESULT 200
US-10-630-401-76/c
; Sequence 76, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-76
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAAGTTGGCAGCATCGGC 490
Db 20 CAAGTTGGCAGCATCGGC 1

RESULT 201
US-10-630-401-77/c
; Sequence 77, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-77
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GTGGGCCCGCAGCGCACCC 686
Db 20 GTGGGCCCGCAGCGCACCC 1

RESULT 202
US-10-630-401-78/c
; Sequence 78, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
```

```
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-78
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 CACCACCGCAGGAGCTAG 739
Db 20 CACCACCGCAGGAGCTAG 1

RESULT 203
US-10-630-401-79/c
; Sequence 79, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-79
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 CGACACGAGGAGCTAGGTTTC 745
Db 20 CGACACGAGGAGCTAGGTTTC 1

RESULT 204
US-10-630-401-80/c
; Sequence 80, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

US-10-630-401-80

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 820 CATCACTCTGCGTGGTGGT 839
DB 20 CATCACTCTGCGTGGTGGT 1

RESULT 205

US-10-630-401-81/c
; Sequence 81, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-81

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 825 CTCTGCGTGGTGGTGGTGC 844
DB 20 CTCTGCGTGGTGGTGGTGC 1

RESULT 206

US-10-630-401-82/c
; Sequence 82, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-82

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TGTTCATCTCTGGTGGTGGCG 948
DB 20 TGTTCATCTCTGGTGGTGGCG 1

RESULT 207

US-10-630-401-83/c
; Sequence 83, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-83

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1260 CAAGGACCGGGCGGCCAAGC 1279
DB 20 CAAGGACCGGGCGGCCAAGC 1

RESULT 208

US-10-630-401-84/c
; Sequence 84, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-84

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GCTGTGGAGTACGGCGCCA 1453
DB 20 GCTGTGGAGTACGGCGCCA 1

RESULT 209

US-10-630-401-85/c
; Sequence 85, Application US/10630401
; Publication No. US20040048824A1

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30

; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-85

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1523 AGCGGCCGAGGAGCAGCTC 1542
DB 20 AGCGGCCGAGGAGCAGCTC 1

RESULT 210
US-10-630-401-86/c
; Sequence 86, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-86

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2031 TACCGTGAGCTCCACCGAGC 2050
DB 20 TACCGTGAGCTCCACCGAGC 1

RESULT 211
US-10-630-401-87/c
; Sequence 87, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-87

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2549 CTCGGCCTCTGCCTTTGCAC 2568
DB 20 CTCGGCCTCTGCCTTTGCAC 1

RESULT 212
US-10-630-401-88/c
; Sequence 88, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-88

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2557 CTGCCTTTGCACCGGAC 2576
DB 20 CTGCCTTTGCACCGGAC 1

RESULT 213
US-10-630-401-89/c
; Sequence 89, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-89

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2601 CCACACCCAAAGCTGAGCCT 2620
DB 20 CCACACCCAAAGCTGAGCCT 1

RESULT 214
US-10-630-401-90/c

```
; Sequence 90, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-90

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2729 ACGGTTACCTGAAGATGGGA 2748
Db 20 ACGGTTACCTGAAGATGGGA 1

RESULT 215
US-10-630-401-91/c
; Sequence 91, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-91

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2820 TGGTATATATACATATATAT 2839
Db 20 TGGTATATATACATATATAT 1

RESULT 216
US-10-630-401-92/c
; Sequence 92, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-92
```

```
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-92

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3382 GTGTGTCCAGGACGAGGAGA 3401
Db 20 GTGTGTCCAGGACGAGGAGA 1

RESULT 217
US-10-630-401-93/c
; Sequence 93, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-93

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3506 TATTTGTTGTAGACTTAACA 3525
Db 20 TATTTGTTGTAGACTTAACA 1

RESULT 218
US-10-630-401-94/c
; Sequence 94, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-94

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3626 GGGCCCTGAGTCTGGGCAGC 3645
|||||
Db 20 GGGCCCTGAGTCTGGGCAGC 1

RESULT 219

US-10-630-401-95/c

; Sequence 95, Application US/10630401

; Publication No. US20040048824A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/10/630,401

; CURRENT FILING DATE: 2003-07-30

; PRIOR APPLICATION NUMBER: US/09/953,047

; PRIOR FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 95

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-95

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3729 ACCGCAGGTGGCATTGTG 3748

Db 20 ACCGCAGGTGGCATTGTG 1

RESULT 220

US-09-263-959-774/c

; Sequence 774, Application US/09263959

; Patent No. US20020150891A1

; GENERAL INFORMATION:

; APPLICANT: Hood, Leroy E.

; APPLICANT: Rowen, Lee

; APPLICANT: Koop, Ben F.

; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

; NUMBER OF SEQUENCES: 1279

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Seed and Berry LLP

; STREET: 6300 Columbia Center, 701 Fifth Avenue

; CITY: Seattle

; STATE: Washington

; COUNTRY: US

; ZIP: 98104-7092

; COMPUTER READABLE FORM:

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/263,959

; FILING DATE: 05-MAR-1999

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: McWaters, David D.

; REGISTRATION NUMBER: 33,963

; REFERENCE/DOCKET NUMBER: 920010.426C2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031

; INFORMATION FOR SEQ ID NO: 774:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-774

Query Match 0.5%; Score 19.8; DB 1; Length 23;

Best Local Similarity 91.3%; Pred. No. 1.6e+02;

Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2340

Db 23 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 221

US-10-455-470-24/c

; Sequence 24, Application US/10455470

; Publication No. US20040170613A1

; GENERAL INFORMATION:

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Le Couter, Jennifer

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR LIVER GROWTH AND LIVER PROTECTION

; FILE REFERENCE: P1849RIUS

; CURRENT APPLICATION NUMBER: US/10/455,470

; CURRENT FILING DATE: 2003-06-05

; PRIOR APPLICATION NUMBER: US 60/386,637

; PRIOR FILING DATE: 2002-06-05

; NUMBER OF SEQ ID NOS: 36

; SEQ ID NO 24

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: sequence is synthesized

; FEATURE:

; NAME/KEY: PCR probe

; LOCATION: Full

; OTHER INFORMATION: bFGF probe

US-10-455-470-24

Query Match 0.5%; Score 19.8; DB 1; Length 23;

Best Local Similarity 91.3%; Pred. No. 1.6e+02;

Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2002 CAGCTGGTGGAGCCTGGACCG 2024

Db 23 CAGTGGTGGAGACCTGGACCG 1

RESULT 222

US-10-455-470-26/c

; Sequence 26, Application US/10455470

; Publication No. US20040170613A1

; GENERAL INFORMATION:

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Le Couter, Jennifer

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR LIVER GROWTH AND LIVER PROTECTION

; FILE REFERENCE: P1849RIUS

; CURRENT APPLICATION NUMBER: US/10/455,470

; CURRENT FILING DATE: 2003-06-05

; PRIOR APPLICATION NUMBER: US 60/386,637

; PRIOR FILING DATE: 2002-06-05

; NUMBER OF SEQ ID NOS: 36

; SEQ ID NO 26

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: sequence is synthesized

; FEATURE:

```
; NAME/KEY: PCR primer
; LOCATION: Full
; OTHER INFORMATION: PLGF reverse
US-10-455-470-26

Query Match      0.5%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 1.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2002 CAGCTGGTGGAGACCTGGACCG 2024
DB 23 CAGTTGGTGGAGACCTGGACCG 1

RESULT 223
US-10-600-230-15/c
; Sequence 15, Application US/10600230
; Publication No. US20040092020A1
; GENERAL INFORMATION:
; APPLICANT: Wilkinson, Jack
; APPLICANT: McBride, Kevin
; APPLICANT: Bertain, Sean
; TITLE OF INVENTION: GENETIC CONSTRUCTS HAVING HETEROLOGOUS
; TITLE OF INVENTION: 3' POLYADENYLATION SIGNAL SEQUENCE MOTIFS THAT FUNCTION IN
; TITLE OF INVENTION: PLANTS
; FILE REFERENCE: 0325.210
; CURRENT APPLICATION NUMBER: US/10/600,230
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: 60/390,529
; PRIOR FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Oligonucleotide
US-10-600-230-15

Query Match      0.5%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGCGGTGTG 2339
DB 27 CTGTGTGTGTGTGTGTGTGTGTG 5

RESULT 224
US-09-735-363A-19
; Sequence 19, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-19

; NAME/KEY: PCR primer
; LOCATION: Full
; OTHER INFORMATION: PLGF reverse
US-10-455-470-26

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTGT 2338
DB 1 TGTGTGTGTGTGTGTGTGTGT 21

RESULT 225
US-09-735-363A-20
; Sequence 20, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-20

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGTG 2339
DB 1 GTGTGTGTGTGTGTGTGTGTG 21

RESULT 226
US-09-776-479-907
; Sequence 907, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 907
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-907

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```


QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGT 21

RESULT 227

US-09-776-479-907
; Sequence 907, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourson, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 907
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-907

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGT 21

RESULT 228

US-10-112-653-876
; Sequence 876, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 876
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-876

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGT 21

RESULT 229

US-10-017-995-907
; Sequence 907, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 907
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-907

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGT 21

RESULT 230

US-10-314-578-907
; Sequence 907, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 907
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-907

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGT 21

RESULT 231

US-10-786-720-11524/c
; Sequence: 11524, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth

```

; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11524
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11524

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGTG 2349
DB 21 GTGTGCGTGTGTGTGTGTG 1

RESULT 232
US-10-786-720-11527/c
; Sequence 11527, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11527
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11527

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2327 GTGTGCGTGTGTGTGTGTG 2347
DB 21 GTGTGCGTGTGTGTGTGTG 1

RESULT 233
US-10-786-720-11530/c
; Sequence 11530, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11530
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

```

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US-10-786-720-11530

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGCGTGTGTGTGTGTG 2345
DB 21 GTGTGCGTGTGTGTGTGTG 1

RESULT 234
US-09-776-479-910
; Sequence 910, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 910
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-910

Query Match      0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATA 2844
DB 1 ATATATATATATATATATA 21

RESULT 235
US-09-776-479-910/c
; Sequence 910, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 910
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-910

Query Match      0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY 2824 ATATATACATATATATATATA 2844
Db 22 ATATATATATATATATATATA 2

RESULT 236

US-09-776-479-910
; Sequence 910, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 910
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence

US-09-776-479-910

Query Match 0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844
Db 1 ATATATATATATATATATATA 21

RESULT 237

US-09-776-479-910/c
; Sequence 910, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 910
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence

US-09-776-479-910

Query Match 0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844
Db 22 ATATATATATATATATATATA 2

RESULT 238

US-10-112-653-879
; Sequence 879, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 879
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-112-653-879

Query Match 0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844
Db 1 ATATATATATATATATATATA 21

RESULT 239

US-10-112-653-879/c
; Sequence 879, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 879
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
; US-10-112-653-879

Query Match 0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844
Db 22 ATATATATATATATATATATA 2

RESULT 240

US-10-017-995-910
; Sequence 910, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.

RESULT 244
US-10-085-906-357/c
; Sequence 357, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061

;; PRIOR FILING DATE: 2000-03-24
;; PRIOR APPLICATION NUMBER: PCT/US00/07938
;; PRIOR FILING DATE: 2000-03-24
;; NUMBER OF SEQ ID NOS: 545
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 357
;; LENGTH: 26
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-085-906-357

Query Match 0.5%; Score 19.4; DB 1; Length 26;
Best Local Similarity 95.4%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATACATATATATATATA 2844
DB 23 ATATACATATATATATATA 3

RESULT 245
US-09-073-881-8/c
;; Sequence 8, Application US/09073881
;; Patent No. US20020045251A1
;; GENERAL INFORMATION:
;; APPLICANT: Rao, Mahendra S.
;; APPLICANT: Mujtaba, Tahmina
;; TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS
;; NUMBER OF SEQUENCES: 26
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Thorpe, No. US20020045251A1ch & Western, L.L.P.
;; STREET: P.O. Box 1219
;; CITY: Sandy
;; STATE: Utah
;; COUNTRY: USA
;; ZIP: 84091-1219

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
;; COMPUTER: Compaq Presario 4540
;; OPERATING SYSTEM: Windows 95
;; SOFTWARE: Word Perfect 8.0
;; CURRENT APPLICATION DATA: US/09/073,881
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA: 08/852,744
;; APPLICATION NUMBER: 07-MAY-1997
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Alan J. Howarth
;; REGISTRATION NUMBER: 36,553
;; REFERENCE/DOCKET NUMBER: T4903.CIP
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (801)566-6633
;; TELEFAX: (801)566-0750
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear

US-09-073-881-8
Query Match 0.5%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 984 GAAAGCGCTGGGCTCCGCCACCGT 1007
DB 24 GAAGGCGTTGGGCTCGCCACCGT 1

RESULT 246

US-10-098-263B-80269/c
;; Sequence 80269, Application US/10098263B
;; Publication No. US20030104410A1
;; GENERAL INFORMATION:
;; APPLICANT: Mittman, Michael
;; TITLE OF INVENTION: Human Microarray
;; FILE REFERENCE: 3118.1
;; CURRENT APPLICATION NUMBER: US/10/098,263B
;; CURRENT FILING DATE: 2003-01-08
;; PRIOR APPLICATION NUMBER: 60/276,759
;; PRIOR FILING DATE: 2001-03-16
;; NUMBER OF SEQ ID NOS: 131066
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
;; SEQ ID NO 80269
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapien
US-10-098-263B-80269

Query Match 0.5%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2569 CACGGGACATCACAGGGTGGCTC 2592
DB 24 CACGGGACGACACAGGGTGGCTC 1

RESULT 247
US-09-953-562-18
;; Sequence 18, Application US/09953562
;; Publication No. US20030096241A1
;; GENERAL INFORMATION:
;; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
;; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
;; TITLE OF INVENTION: CELL CARCINOMA
;; FILE REFERENCE: E6114-01
;; CURRENT APPLICATION NUMBER: US/09/953,562
;; CURRENT FILING DATE: 2003-02-24
;; PRIOR APPLICATION NUMBER: JP 2001-083352
;; PRIOR FILING DATE: 2001-03-22
;; NUMBER OF SEQ ID NOS: 27
;; SEQ ID NO 18
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Exon 17 upstream primer
US-09-953-562-18

Query Match 0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
DB 1 GACCGAGTCTACACTCACC 19

RESULT 248
US-09-953-562-19/c
;; Sequence 19, Application US/09953562
;; Publication No. US20030096241A1
;; GENERAL INFORMATION:
;; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
;; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
;; TITLE OF INVENTION: CELL CARCINOMA
;; FILE REFERENCE: E6114-01
;; CURRENT APPLICATION NUMBER: US/09/953,562
;; CURRENT FILING DATE: 2003-02-24
;; PRIOR APPLICATION NUMBER: JP 2001-083352
;; PRIOR FILING DATE: 2001-03-22
;; NUMBER OF SEQ ID NOS: 27

```
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Exon 17 downstream primer
US-09-953-562-19

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2048 ACCAGTACCTGGACCTGTC 2066
      |||||
Db 19 ACCAGTACCTGGACCTGTC.1

RESULT 249
US-10-055-728-141
; Sequence 141, Application US/10055728
; Publication No. US20030170720A1
; GENERAL INFORMATION:
; APPLICANT: van der Kuyl, Antoinette C.
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REV/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 141
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5'TAG019GENE-2
US-10-055-728-141

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 CACAACCTCGACTACTACA 1720
      |||||
Db 1 CACAACCTCGACTACTACA 19

RESULT 250
US-10-310-677-141
; Sequence 141, Application US/10310677
; Publication No. US2003021972A1
; GENERAL INFORMATION:
; APPLICANT: Kuyl v.d., Antoinette C.
; TITLE OF INVENTION: Means and methods for treatment evaluation
; FILE REFERENCE: P55190US10
; CURRENT APPLICATION NUMBER: US/10/310,677
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: EP 01203703.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US 60/325,722
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141

; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 5'TAG019GENE-2
US-10-310-677-141

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 CACAACCTCGACTACTACA 1720
      |||||
Db 1 CACAACCTCGACTACTACA 19

RESULT 251
US-10-403-161-146
; Sequence 146, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 146
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-146

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 TCACCGTAGCCGTGAAGAT 1301
      |||||
Db 1 TCACCGTAGCCGTGAAGAT 19

RESULT 252
US-10-450-859-12
; Sequence 12, Application US/10450859
; Publication No. US20040109850A1
```

GENERAL INFORMATION:
APPLICANT: Jaiswal, Neelam
APPLICANT: Houghton, Adam
APPLICANT: Mertz, Lawrence
APPLICANT: Ji, Darren
APPLICANT: Cook, Jonathon S.
APPLICANT: Axelrod, Douglas W.
TITLE OF INVENTION: Treatment of Bone Disorders by Modulation of FGFR3
FILE REFERENCE: 44921-5078-WO
CURRENT APPLICATION NUMBER: US/10/450,859
CURRENT FILING DATE: 2003-06-18
PRIOR APPLICATION NUMBER: US 60/255,882
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 60/285,691
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: US 60/306,879
PRIOR FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/317,974
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward
OTHER INFORMATION: Q-RT-PCR primer
US-10-450-859-12

Query Match 0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3706 TGGTGGCCAGAGGTGCAC 3724
Db 1 TGGTGGCCAGAGGTGCAC 19

RESULT 253
US-10-450-859-13/c
Sequence 13, Application US/10450859
Publication No. US20040109850A1
GENERAL INFORMATION:
APPLICANT: Jaiswal, Neelam
APPLICANT: Houghton, Adam
APPLICANT: Mertz, Lawrence
APPLICANT: Ji, Darren
APPLICANT: Cook, Jonathon S.
APPLICANT: Axelrod, Douglas W.
TITLE OF INVENTION: Treatment of Bone Disorders by Modulation of FGFR3
FILE REFERENCE: 44921-5078-WO
CURRENT APPLICATION NUMBER: US/10/450,859
CURRENT FILING DATE: 2003-06-18
PRIOR APPLICATION NUMBER: US 60/255,882
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 60/285,691
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: US 60/306,879
PRIOR FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: US 60/317,974
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 13
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse
OTHER INFORMATION: Q-RT-PCR primer
US-10-450-859-13

Query Match 0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3751 ACCCAGGAGGACTTTCC 3769
Db 19 ACCCAGGAGGACTTTCC 1

RESULT 254
US-09-140-378A-3/c
Sequence 3, Application US/09140378A
Publication No. US20030124133A1
GENERAL INFORMATION:
APPLICANT: Johnson, Jeffrey D.
APPLICANT: Rutter, William J.
APPLICANT: Edman, Jeffrey C.
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Receptor Tyrosine Kinase With a Discoidin-Type Binding
FILE REFERENCE: 023070-079010US
CURRENT APPLICATION NUMBER: US/09/140,378A
CURRENT FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: US 08/077,254
PRIOR FILING DATE: 1993-06-14
PRIOR APPLICATION NUMBER: US 08/292,299
PRIOR FILING DATE: 1994-08-16
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide
US-09-140-378A-3

Query Match 0.5%; Score 19; DB 1; Length 24;
Best Local Similarity 69.6%; Pred. No. 2.2e+02;
Matches 16; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 1618 CACAGGACCTGCTGCCGCAA 1640
Db 24 CAYCGSGAYCTGCGCYCGSAA 2

RESULT 255
US-09-073-881-7
Sequence 7, Application US/09073881
Patent No. US20020045251A1
GENERAL INFORMATION:
APPLICANT: Rao, Mahendra S.
APPLICANT: Murtaba, Tahmina
TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Thorpe, No. US20020045251A1th & Western, L.L.P.
STREET: P.O. Box 1219
CITY: Sandy
STATE: Utah
COUNTRY: USA
ZIP: 84091-1219
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: Compaq Presario 4540
OPERATING SYSTEM: Windows 95
SOFTWARE: Word Perfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,881
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 08/852,744
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Alan J. Howarth
; REGISTRATION NUMBER: 36,553
; REFERENCE/DOCKET NUMBER: T4903.CIP
; TELEPHONE: (801)566-6633
; TELEFAX: (801)566-0750
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-073-881-7

Query Match 0.5%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 AGCTGTCATGGAAGCGTGG 430
DB 1 AGCTGTCATGGAAGCGTGG 22

RESULT 256
US-10-032-585-4135/c
; Sequence 4135, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4135
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
; US-10-032-585-4135

Query Match 0.5%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGCGTGTGTGTG 2343
DB 22 TGTACGTGTGTGCGTGTGTGTG 1

RESULT 257
US-10-357-488-5
; Sequence 5, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varities.
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5

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; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
; US-10-357-488-5

Query Match 0.5%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGCGT 2336
DB 2 GTATGTGTGTGTGTGTGTGT 23

RESULT 258
US-09-974-546-71/c
; Sequence 71, Application US/09974546
; Publication No. US20030050470A1
; GENERAL INFORMATION:
; APPLICANT: An, Gang
; APPLICANT: O'Hara, S. Mark
; APPLICANT: Ralph, David
; APPLICANT: Veltri, Robert
; TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
; PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/974,546
; FILING DATE: 10-Oct-2001
; CLASSIFICATION: Unknown
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/097,199
; FILING DATE: 1998-06-12
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakashima, Richard A.
; REGISTRATION NUMBER: P-42,023
; REFERENCE/DOCKET NUMBER: UROC:018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 71:
; US-09-974-546-71

Query Match 0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGTGTGT 2350
DB 22 GTGTGCAATGTGTGTGTGTGTGT 1

RESULT 259

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Thu Oct 28 12:48:26 2004

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; SEQ ID NO 1207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1207

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2321 GTGTGTGTGTGCGGTGTGTGTG 2345
Db 1 GTGTGTGTGTGAGTGTGTATTG 25

RESULT 264
US-10-098-263B-44261/c
; Sequence 44261, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 44261
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-44261

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1798 AGTGACGTCGTGCTCTTTGGGGTCC 1822
Db 25 AGTGACGTCGTGCTCTGCGGGGCCCC 1

RESULT 265
US-10-675-685-1207
; Sequence 1207, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1207

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2321 GTGTGTGTGTGCGGTGTGTGTG 2345

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Db 1 GTGTGTGTGTGAGTGTGTATTG 25

RESULT 266
US-10-775-169-685/c
; Sequence 685, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 685
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-685

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2626 GAAGCCCATGTCTCCAGCACCTTG 2650
Db 25 GAAGCCCTTCAGTCCAGCACCATG 1

RESULT 267
US-09-916-369A-4
; Sequence 4, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; CURRENT FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-4

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGCGTG 2337
Db 1 TGTGTGTGTGTGTGTGTG 20

RESULT 268
US-09-953-047-28/c
; Sequence 28, Application US/09953047
; Publication No. US20030087854A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-953-047-28

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 653 TGAATGGCAGCAAGTGGGC 672
|||||
Db 20 TGAACGGCAGCAAGTGGGC 1

RESULT 269
US-09-845-742B-1
; Sequence 1, Application US/09845742B
; Publication No. US20030215801A1
; GENERAL INFORMATION:
; APPLICANT: Pieken, Wolfgang
; APPLICANT: Wolter, Andreas
; APPLICANT: Sebesta P, David
; APPLICANT: Leuck, Michael
; APPLICANT: Latham-Timmons A, Hallie
; APPLICANT: Pilon, John
; APPLICANT: Husar M, Gregory
; TITLE OF INVENTION: METHOD FOR IMMOBILIZING OLIGONUCLEOTIDES EMPLOYING THE
; FILE REFERENCE: PRO.03
; CURRENT APPLICATION NUMBER: US/09/845,742B
; CURRENT FILING DATE: 2001-05-01
; PRIOR FILING DATE: 2000-05-01
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 1999-07-08
; PRIOR FILING DATE: 1998-01-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Nucleic Acid Ligand
US-09-845-742B-1

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTG 2337
|||||
Db 1 TGTGTGTGTGTGTGTGTGTG 20

RESULT 270
US-09-845-742B-2/c
; Sequence 2, Application US/09845742B
; Publication No. US20030215801A1
; GENERAL INFORMATION:
; APPLICANT: Pieken, Wolfgang
; APPLICANT: Wolter, Andreas
; APPLICANT: Sebesta P, David
; APPLICANT: Leuck, Michael
; APPLICANT: Latham-Timmons A, Hallie
; APPLICANT: Pilon, John
; APPLICANT: Husar M, Gregory
; TITLE OF INVENTION: METHOD FOR IMMOBILIZING OLIGONUCLEOTIDES EMPLOYING THE
; FILE REFERENCE: PRO.03
; CURRENT APPLICATION NUMBER: US/09/845,742B
; CURRENT FILING DATE: 2001-05-01
; PRIOR FILING DATE: 2000-05-01
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 1999-07-08
; PRIOR FILING DATE: 1998-01-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Nucleic Acid Ligand
US-09-845-742B-1

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTG 2337
|||||
Db 1 TGTGTGTGTGTGTGTGTGTG 20

RESULT 271
US-10-085-906-33
; Sequence 33, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-33
```

```

; Publication No. US20030215801A1
; GENERAL INFORMATION:
; APPLICANT: Pieken, Wolfgang
; APPLICANT: Wolter, Andreas
; APPLICANT: Sebesta P, David
; APPLICANT: Leuck, Michael
; APPLICANT: Latham-Timmons A, Hallie
; APPLICANT: Pilon, John
; APPLICANT: Husar M, Gregory
; TITLE OF INVENTION: METHOD FOR IMMOBILIZING OLIGONUCLEOTIDES EMPLOYING THE
; FILE REFERENCE: PRO.03
; CURRENT APPLICATION NUMBER: US/09/845,742B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 60/201,561
; PRIOR FILING DATE: 2000-05-01
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 1999-07-08
; PRIOR FILING DATE: 1998-01-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Nucleic Acid Ligand
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: C at position 1 is substituted at the 5' position
; OTHER INFORMATION: with a fluorescein.
US-09-845-742B-2

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTG 2337
|||||
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 271
US-10-085-906-33
; Sequence 33, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-33
```

```
Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
DB 1 GTGTGTGTGTGTGTGTGTGT 20

RESULT 272
US-10-165-854-1/c
; Sequence 1, Application US/10165854
; Publication No. US20030059807A1
; GENERAL INFORMATION:
; APPLICANT: Roach, Jeffrey Shawn
; TITLE OF INVENTION: MICROCALORIMETRIC DETECTION OF ANALYTES AND BINDING EVENTS
; FILE REFERENCE: PRO06
; CURRENT APPLICATION NUMBER: US/10/165,854
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/296,685
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Ligand
US-10-165-854-1

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
DB 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 273
US-10-165-854-2
; Sequence 2, Application US/10165854
; Publication No. US20030059807A1
; GENERAL INFORMATION:
; APPLICANT: Roach, Jeffrey Shawn
; TITLE OF INVENTION: MICROCALORIMETRIC DETECTION OF ANALYTES AND BINDING EVENTS
; FILE REFERENCE: PRO06
; CURRENT APPLICATION NUMBER: US/10/165,854
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/296,685
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Ligand
US-10-165-854-2

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
DB 1 TGTGTGTGTGTGTGTGTGTGT 20
```

```
RESULT 274
US-10-301-844-26
; Sequence 26, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; HEMOCHROMATOSIS GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,844
; FILING DATE: 20-No. US20030100747A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-10-301-844-26

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATAT 2843
DB 1 ATATATATATATATATATATAT 20

RESULT 275
US-10-301-844-26/c
; Sequence 26, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; HEMOCHROMATOSIS GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
```

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,844
; FILING DATE: 20-NO. US20030100747A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Polesant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-10-301-844-26
```

```
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATAT 2843
DB 20 ATATATATATATATATAT 1
```

```
RESULT 276
US-10-219-238-1
; Sequence 1, Application US/10219238
; Publication No. US20030114405A1
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D.
; APPLICANT: Hepburn, Bonnie
; TITLE OF INVENTION: METHODS OF TREATING SYSTEMIC LUPUS
; TITLE OF INVENTION: ERYTHEMATOSUS IN INDIVIDUALS HAVING
; TITLE OF INVENTION: SIGNIFICANTLY IMPAIRED RENAL FUNCTION
; FILE REFERENCE: 252312007800
; CURRENT APPLICATION NUMBER: US/10/219,238
; PRIOR FILING DATE: 2003-01-10
; PRIOR FILING DATE: 2003-01-10
; PRIOR FILING DATE: 2001-08-22
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-219-238-1
```

```
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
DB 1 GTGTGTGTGTGTGTGTGTGT 20
```

```
RESULT 277
US-10-219-238-2/c
; Sequence 2, Application US/10219238
; Publication No. US20030114405A1
; GENERAL INFORMATION:
; APPLICANT: Linnik, Matthew D.
; APPLICANT: Hepburn, Bonnie
; TITLE OF INVENTION: METHODS OF TREATING SYSTEMIC LUPUS
; TITLE OF INVENTION: ERYTHEMATOSUS IN INDIVIDUALS HAVING
; TITLE OF INVENTION: SIGNIFICANTLY IMPAIRED RENAL FUNCTION
; FILE REFERENCE: 252312007800
; CURRENT APPLICATION NUMBER: US/10/219,238
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 60/314,281
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: US 60/311,858
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-219-238-2
```

```
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
DB 20 TGTGTGTGTGTGTGTGTGTGT 1
```

```
RESULT 278
US-10-630-401-28/c
; Sequence 28, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-28
```

```
Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 653 TGAATGGCAGCAGGTGGGC 672
DB 20 TGAACGGCAGCAGGTGGGC 1
```

```
RESULT 279
US-10-315-765-15/c
; Sequence 15, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
```

; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-15

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1675 GCAGACTTCGGCTGCGCCG 1694
Db 20 GCAGACTTCGGCTGCGCCG 1

RESULT 280

US-10-671-395-138/c
; Sequence 138, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 138
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-138

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 281

US-10-671-395-139/c
; Sequence 139, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-139

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
Db 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 282

US-10-671-395-140/c
; Sequence 140, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-140

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
Db 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 283

US-10-671-395-141/c
; Sequence 141, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 317
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-317

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
Db 20 TGTGTGTGTGTGTGTGTG 1

RESULT 289
US-10-671-395-318/c
; Sequence 318, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-318

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
Db 20 TGTGTGTGTGTGTGTGTG 1

RESULT 290
US-10-671-395-319/c
; Sequence 319, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 321

CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 319
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-319

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
Db 20 TGTGTGTGTGTGTGTGTG 1

RESULT 291
US-10-671-395-320/c
; Sequence 320, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 320
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-320

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
Db 20 TGTGTGTGTGTGTGTGTG 1

RESULT 292
US-10-671-395-321/c
; Sequence 321, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 321


```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-321

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 293
US-10-671-395-353/c
; Sequence 353, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 353
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-353

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 294
US-10-671-395-354/c
; Sequence 354, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-354
```

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Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 295
US-10-671-395-482/c
; Sequence 482, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 482
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-482

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
Db 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 296
US-10-671-395-483/c
; Sequence 483, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 483
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-483

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
Db 20 TGTGTGTGTGTGTGTGTGTGT 1
```

RESULT 299
US-10-671-395-532/c
; Sequence 532, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:

; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 600
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-600

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
|||||
Db 20 TGTGTGTGTGTGTGTGT 1

RESULT 302

US-10-671-395-613/c
; Sequence 613, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 613
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-613

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTG 2338
|||||
Db 20 GTGTGTGTGTGTGTGT 1

RESULT 303

US-10-671-395-614/c
; Sequence 614, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 614
; LENGTH: 20
; TYPE: DNA

; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-614

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTG 2338
|||||
Db 20 GTGTGTGTGTGTGTGT 1

RESULT 304

US-10-671-395-653/c
; Sequence 653, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 653
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-653

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTG 2338
|||||
Db 20 GTGTGTGTGTGTGTGT 1

RESULT 305

US-10-671-395-733/c
; Sequence 733, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 733
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-733

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGTGTGTGTGTGTGTGTG 2351
 Db 20 TCGGTGTGTGTGTGTGTGTG 1

RESULT 306
 US-10-661-088-16/c
 ; Sequence 16, Application US/10661088
 ; Publication No. US20040162253A1
 ; GENERAL INFORMATION:
 ; APPLICANT: VAILLANT, ANDREW
 ; APPLICANT: JUTEAU, JEAN-MARC
 ; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
 ; FILE REFERENCE: 029849/0206
 ; CURRENT APPLICATION NUMBER: US/10/661,088
 ; CURRENT FILING DATE: 2003-09-12
 ; PRIOR APPLICATION NUMBER: PCT/IB03/04573
 ; PRIOR FILING DATE: 2003-09-11
 ; PRIOR APPLICATION NUMBER: 60/430,934
 ; PRIOR FILING DATE: 2002-12-05
 ; PRIOR APPLICATION NUMBER: 60/410,264
 ; PRIOR FILING DATE: 2002-09-13
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 16
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 US-10-661-088-16

Query Match 0.5%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 2.2e+02;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
 Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 307
 US-10-661-088-19
 ; Sequence 19, Application US/10661088
 ; Publication No. US20040162253A1
 ; GENERAL INFORMATION:
 ; APPLICANT: VAILLANT, ANDREW
 ; APPLICANT: JUTEAU, JEAN-MARC
 ; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
 ; FILE REFERENCE: 029849/0206
 ; CURRENT APPLICATION NUMBER: US/10/661,088
 ; CURRENT FILING DATE: 2003-09-12
 ; PRIOR APPLICATION NUMBER: PCT/IB03/04573
 ; PRIOR FILING DATE: 2003-09-11
 ; PRIOR APPLICATION NUMBER: 60/430,934
 ; PRIOR FILING DATE: 2002-12-05
 ; PRIOR APPLICATION NUMBER: 60/410,264
 ; PRIOR FILING DATE: 2002-09-13
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 19
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 US-10-661-088-19

Query Match 0.5%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 2.2e+02;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTG 2337
 Db 1 TGTGTGTGTGTGTGTGTGTG 20

RESULT 308
 US-10-661-097-16/c
 ; Sequence 16, Application US/10661097
 ; Publication No. US20040162254A1
 ; GENERAL INFORMATION:
 ; APPLICANT: VAILLANT, ANDREW
 ; APPLICANT: JUTEAU, JEAN-MARC
 ; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
 ; FILE REFERENCE: 029849/0204
 ; CURRENT APPLICATION NUMBER: US/10/661,097
 ; CURRENT FILING DATE: 2003-09-12
 ; PRIOR APPLICATION NUMBER: PCT/IB03/04573
 ; PRIOR FILING DATE: 2003-09-11
 ; PRIOR APPLICATION NUMBER: 60/430,934
 ; PRIOR FILING DATE: 2002-12-05
 ; PRIOR APPLICATION NUMBER: 60/410,264
 ; PRIOR FILING DATE: 2002-09-13
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 16
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 US-10-661-097-16

Query Match 0.5%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 2.2e+02;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
 Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 309
 US-10-661-097-19
 ; Sequence 19, Application US/10661097
 ; Publication No. US20040162254A1
 ; GENERAL INFORMATION:
 ; APPLICANT: VAILLANT, ANDREW
 ; APPLICANT: JUTEAU, JEAN-MARC
 ; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
 ; FILE REFERENCE: 029849/0204
 ; CURRENT APPLICATION NUMBER: US/10/661,097
 ; CURRENT FILING DATE: 2003-09-12
 ; PRIOR APPLICATION NUMBER: PCT/IB03/04573
 ; PRIOR FILING DATE: 2003-09-11
 ; PRIOR APPLICATION NUMBER: 60/430,934
 ; PRIOR FILING DATE: 2002-12-05
 ; PRIOR APPLICATION NUMBER: 60/410,264
 ; PRIOR FILING DATE: 2002-09-13
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 19
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 US-10-661-097-19

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGT 2337
|||||
Db 1 TGTGTGTGTGTGTGCGTGT 20

RESULT 310
US-10-661-355-16/c
; Sequence 16, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-16

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338
|||||
Db 20 GTGTGTGTGTGTGCGTGT 1

RESULT 311
US-10-661-355-19
; Sequence 19, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-19

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGT 2337
|||||
Db 1 TGTGTGTGTGTGTGCGTGT 20

RESULT 312
US-10-661-099-16/c
; Sequence 16, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-099-16

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338
|||||
Db 20 GTGTGTGTGTGTGCGTGT 1

RESULT 313
US-10-661-099-19
; Sequence 19, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-099-19

US-10-661-099-19

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
DB 1 TGTGTGTGTGTGTGTGTG 20

RESULT 314

US-10-407-818-13
; Sequence 13, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-407-818-13

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
DB 1 TGTGTGTGTGTGTGTGTG 20

RESULT 315

US-10-407-818-14/c
; Sequence 14, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-407-818-14

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338
DB 20 GTGTGTGTGTGTGTGTGT 1

RESULT 316

US-10-407-818-16
; Sequence 16, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-407-818-16

Query Match 0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337
DB 1 TGTGTGTGTGTGTGTGTG 20

RESULT 317

US-10-385-193-1/c
; Sequence 1, Application US/10385193
; Publication No. US20030229218A1
; GENERAL INFORMATION:
; APPLICANT: Nanda D. Sinha
; TITLE OF INVENTION: Synthons for Oligonucleotide Synthesis
; FILE REFERENCE: 2733.1001-001
; CURRENT APPLICATION NUMBER: US/10/385,193
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/230,685
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-385-193-1

Query Match 0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338

```
Db      20 GTGTGTGTGTGTGTGTGT 1
|||||
RESULT 318
US-10-385-193-2
; Sequence 2, Application US/10385193
; Publication No. US20030229218A1
; GENERAL INFORMATION:
; APPLICANT: Nanda D. Sinha
; TITLE OF INVENTION: Synthons for Oligonucleotide Synthesis
; CURRENT APPLICATION NUMBER: US/10/385,193
; CURRENT FILING DATE: 2003-03-07
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-385-193-2
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2319 GTGTGTGTGTGTGTGTGT 2338
|||||
Db      1 GTGTGTGTGTGTGTGTGT 20
|||||
RESULT 319
US-10-786-720-11526
; Sequence 11526, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11526
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11526
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2329 GTGTGTGTGTGTGTGTGT 2348
|||||
Db      1 GUGUGUGAUGUGUGUGUGU 20
|||||
RESULT 320
US-10-786-720-11529
; Sequence 11529, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11529
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11529
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2327 GTGTGTGTGTGTGTGTGT 2346
|||||
Db      1 GUGUGUGAUGUGUGUGUGU 20
|||||
RESULT 321
US-10-786-720-11532
; Sequence 11532, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11532
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11532
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2325 GTGTGTGTGTGTGTGTGT 2344
|||||
Db      1 GUGUGUGAUGUGUGUGUGU 20
|||||
RESULT 322
US-10-357-488-4/c
; Sequence 4, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1a1 FISSR-PCR primers and markers and a method c
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11529
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11529
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2327 GTGTGTGTGTGTGTGTGT 2346
|||||
Db      1 GUGUGUGAUGUGUGUGUGU 20
|||||
RESULT 321
US-10-786-720-11532
; Sequence 11532, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11532
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11532
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2325 GTGTGTGTGTGTGTGTGT 2344
|||||
Db      1 GUGUGUGAUGUGUGUGUGU 20
|||||
RESULT 322
US-10-357-488-4/c
; Sequence 4, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1a1 FISSR-PCR primers and markers and a method c
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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Thu Oct 28 12:48:26 2004

OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-4

Query Match 0.5%; Score 18.4; DB 1; Length 24;
Best Local Similarity 95.0%; Pred. No. 2.7e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGCAC 2354
Db 24 GTGTGTGTGTGTGTGCAC 5

RESULT 323
US-10-085-906-21
; Sequence 21, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-21

Query Match 0.5%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 2.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 ACATATATATATATACATATAT 2852
Db 1 ATATATATATATATATATATAT 23

RESULT 324
US-09-828-034-13/c
; Sequence 13, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-13

Query Match 0.5%; Score 18.2; DB 1; Length 25;

Best Local Similarity 87.0%; Pred. No. 3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGGTGGGGGGGGGTGG 2942
Db 24 GGGCGGGCGGGGGGGGGGGGGGG 2

RESULT 325
US-10-098-263B-55473
; Sequence 55473, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 55473
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-55473

Query Match 0.5%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1328 ACCTGTGCGACCTGGTGTCTGAG 1350
Db 3 ACCTGACGGACCACTGTCTGAG 25

RESULT 326
US-10-094-466-104/c
; Sequence 104, Application US/10094466
; Publication No. US20030203363A1
; GENERAL INFORMATION:
; APPLICANT: SPYTEK et al.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS OF USING
; FILE REFERENCE: 21402-290D
; CURRENT APPLICATION NUMBER: US/10/094,466
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/288,148
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/274,849
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/275,235
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/338,375
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/275,579
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: 60/335,302
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/275,601
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: 60/276,000
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/277,338
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatIn 2.1
; SEQ ID NO 104


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; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-094-466-104

Query Match          0.5%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 3.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 GTCTGTGTGTGCGGTGTGTGTG 2343
|||||
Db 24 GTGTGTGTGTGAGAGTGTGTGGG 2

RESULT 327
US-09-263-959-971/c
; Sequence 971, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 971:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-971

Query Match          0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATAT 2843
|||||
Db 18 ATATACATATATATATAT 1

RESULT 328
US-10-085-906-135
; Sequence 135, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
```

```
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-085-906-135

Query Match          0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGT 2346
|||||
Db 1 GTGTGCGTGTGTGTGTGT 18

RESULT 329
US-10-055-728-142/c
; Sequence 142, Application US/10055728
; Publication No. US20030170720A1
; GENERAL INFORMATION:
; APPLICANT: van der Kuyt, Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REN/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'TAG019GENE-2
US-10-055-728-142

Query Match          0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1888 AAGCTGCTGAAGGAGGC 1905
|||||
Db 18 AAGCTGCTGAAGGAGGC 1

RESULT 330
US-10-310-677-142/c
; Sequence 142, Application US/10310677
; Publication No. US20030219772A1
; GENERAL INFORMATION:
; APPLICANT: Kuyt v.d., Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: Means and methods for treatment evaluation
```

```

FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 586
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-586

Query Match          0.5%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2334 CGTGTGTGTGTGTGTGTG 2351
          |||
          20 CGTGTGTGTGTGTGTG 3

DB

RESULT 333
US-09-073-881-21
; Sequence 21, Application US/09073881
; Patent No. US20020045251A1
; GENERAL INFORMATION:
; APPLICANT: Rao, Mahendra S.
; APPLICANT: Muftaba, Tahmina
; TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thorpe, No. US20020045251A1th & Western, L.L.P.
; STREET: P.O. Box 1219
; CITY: Sandy
; STATE: Utah
; COUNTRY: USA
; ZIP: 84091-1219
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: Compaq Presario 4540
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word Perfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,881
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/852,744
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Alan J. Howarth
; REGISTRATION NUMBER: 36,553
; REFERENCE/DOCKET NUMBER: T4903.CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801)566-6633
; TELEFAX: (801)566-0750
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-073-881-21

Query Match          0.5%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1347 TGAGATGGAGATGATGAA 1364
          |||

```

Db 5 TGAGATCGAGATGATGAA 22

RESULT 334

US-09-768-917-10/c
; Sequence 10, Application US/09768917
; Patent No. US20020034494A1
; GENERAL INFORMATION:
; APPLICANT: Vicari, Alain P.
; APPLICANT: Caux, Christophe
; APPLICANT: LaFace, Drake
; TITLE OF INVENTION: Chemokines as Adjuvants of Immune Response
; FILE REFERENCE: SF0896K US
; CURRENT APPLICATION NUMBER: US/09/768,917
; CURRENT FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: EP 0 974 357
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-768-917-10

Query Match 0.5%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTG 2339

Db 21 GTGTGTGTGTGTGTGTGTGTG 1

RESULT 335

US-10-786-720-11533/c
; Sequence 11533, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11533
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11533

Query Match 0.5%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTGTGTGTGTGTG 2343

Db 21 GCGTGTGTGTGTGTGTGTGTG 1

RESULT 336

US-10-786-720-11542/c
; Sequence 11542, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11542
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11542

Query Match 0.5%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2331 GTCGTGTGTGTGTGTGTGTG 2351

Db 21 GTGGATGTGTGTGTGTGTGTG 1

RESULT 337

US-10-094-466-105
; Sequence 105, Application US/10094466
; Publication No. US2003020363A1
; GENERAL INFORMATION:
; APPLICANT: Spvtek et al.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS OF USING
; FILE REFERENCE: 21402-290D
; CURRENT APPLICATION NUMBER: US/10/094,466
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/288,148
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/274,849
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/275,235
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/338,375
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/275,579
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: 60/335,302
; PRIOR FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/275,601
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: 60/276,000
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/277,338
; PRIOR FILING DATE: 2001-03-20
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatIn 2.1
; SEQ ID NO 105
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-094-466-105

Query Match 0.5%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGTG 2341

Db 1 GAGTGTGTGTGTGTGTGTGTG 21

```
RESULT 338
US-10-298-215-11
; Sequence 11, Application US/10298215
; Publication No. US20040009157A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Dan
; TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
; FILE REFERENCE: P-4891-US2
; CURRENT APPLICATION NUMBER: US/10/298,215
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-298-215-11

Query Match          0.5%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3.e+02; 2; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 CCGCGCAGCCGCCCCCAAGAA 986
Db 1 CCGCGCAGTCCGCCCAAGAA 21

RESULT 339
US-10-098-263B-70102/c
; Sequence 70102, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 70102
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-70102

Query Match          0.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2783 AACTAGTGATACATTTCTATAA 2803
Db 24 AACAAAGTGATGTTCTATAA 4

RESULT 340
US-10-372-095-17/c
; Sequence 17, Application US/10372095
; Publication No. US20030162256A1
; GENERAL INFORMATION:
; APPLICANT: Juppner, Harald
; APPLICANT: Rubin, David A.
; TITLE OF INVENTION: PTHR and PTHR Receptors, Methods and Uses Thereof
; FILE REFERENCE: 0609.4740002
; CURRENT APPLICATION NUMBER: US/10/372,095
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: 09/449,632
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: US 60/110,467
; PRIOR FILING DATE: 1998-11-30
```

```
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-10-372-095-17

Query Match          0.5%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1344 GTCGAGATGGAGATGATCAAGAT 1367
Db 24 GTCGAGAGAGGTCATGAGAT 1

RESULT 341
US-10-259-451-7
; Sequence 7, Application US/10259451
; Publication No. US20030162796A1
; GENERAL INFORMATION:
; APPLICANT: Boehringer Ingelheim International GmbH
; TITLE OF INVENTION: Pharmaceutical composition for the treatment of disorders of
; FILE OF INVENTION: non-human mammals
; FILE REFERENCE: Case 12 221
; CURRENT APPLICATION NUMBER: US/10/259,451
; CURRENT FILING DATE: 2002-09-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-259-451-7

Query Match          0.5%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1945 TACATGATCATCGGGAGTGTGG 1968
Db 1 TACATGATCATGTCAAGTGTGG 24

RESULT 342
US-09-827-998-1204
; Sequence 1204, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORE-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1204

Query Match          0.5%; Score 17.6; DB 1; Length 25;
```

Best Local Similarity 83.3%; Pred. No. 3.7e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 4;

QY 2319 GTGTGTGTGTGCGTGTGTGT 2342
| | | | | | | | | | | | | | | |
Db 2 GAGTGTGTGTGTGAGTGTAT 25

RESULT 343
US-09-827-998-1205
; Sequence 1205, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1205
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1205

Query Match 0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGCGTGTGTGT 2342
| | | | | | | | | | | | | | | |
Db 1 GAGTGTGTGTGTGAGTGTAT 24

RESULT 344
US-09-827-998-1206
; Sequence 1206, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1206

Query Match 0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGCGTGTGTGT 2344
| | | | | | | | | | | | | | | |
Db 2 GTGTGTGTGTGAGTGTATTT 25

RESULT 345

US-09-827-998-1208
; Sequence 1208, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1208

Query Match 0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGCGTGTGTGTG 2345
| | | | | | | | | | | | | | | |
Db 1 TGTGTGTGTGAGTGTATTG 24

RESULT 346
US-10-215-112-3326
; Sequence 3326, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; FILE REFERENCE: 3119
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3326
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-3326

Query Match 0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3677 AGGTGTCTCTTCTTGGGCCCA 3700
| | | | | | | | | | | | | | | |
Db 2 ACGTGTCTCTTCTTGGGTCTTA 25

RESULT 347
US-10-215-112-7601/c
; Sequence 7601, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; FILE REFERENCE: 3119
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7601
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-7601

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3677 ACGGTGCTCTCTTCGCGGCCA 3700
Db 24 ACGGTGCTCTCTTCGCGGCCA 1

RESULT 348
US-10-098-263B-80270/c
; Sequence 80270, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 80270
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80270

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2569 CACGGACATCACAGGTGGGCTC 2592
Db 24 CACGGACGACTCAGSGTGCCCTC 1

RESULT 349
US-10-098-263B-87311/c
; Sequence 87311, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 87311
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-87311

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 247 CGGATGCACGAAGCTGCTGGCC 270
Db 247 CGGATGCACGAAGCTGCTGGCC 1
```

```
Db 25 CGGATGCACGAGAAGATGCTTGAC 2

RESULT 350
US-10-675-685-1204
; Sequence 1204, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1204

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGT 2342
Db 2 GAGTGTGTGTGTGTGAGTGTGTAT 25

RESULT 351
US-10-675-685-1205
; Sequence 1205, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1205
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1205

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGT 2342
Db 1 GAGTGTGTGTGTGTGAGTGTGTAT 24

RESULT 352
US-10-675-685-1206
; Sequence 1206, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
```

```
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-675-685-1206

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGCGTGTGTGTGT 2344
Db 2 GTGTGTGTGTGAGTGTGTATT 25

RESULT 353
US-10-675-685-1208
; Sequence 1208, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-675-685-1208

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGCGTGTGTGTGTG 2345
Db 1 TGTGTGTGTGTGAGTGTGTATTG 24

RESULT 354
US-09-557-423-7/c
; Sequence 7, Application US/09557423
; Patent No. US20020094555A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: Locked Nucleic Acid Hybrids and Methods of Use
; FILE REFERENCE: A-68112-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/557,423
; CURRENT FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: USSN 60/130,345
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 17
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Z-DNA
; US-09-557-423-7

Query Match      0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGCGT 2336
Db 19 TGTGTGTGTGTGTGTGTGT 1

RESULT 355
US-09-557-423-8
; Sequence 8, Application US/09557423
; Patent No. US20020094555A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: Locked Nucleic Acid Hybrids and Methods of Use
; FILE REFERENCE: A-68112-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/557,423
; CURRENT FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: USSN 60/130,345
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Z-DNA
; US-09-557-423-8

Query Match      0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGCGT 2336
Db 1 TGTGTGTGTGTGTGTGTGT 19

RESULT 356
US-09-969-373-3086/c
; Sequence 3086, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3086
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
```

US-09-969-373-3086

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336
DB 19 TGTGTGTGTGTGTGTGT 1

RESULT 357

US-09-263-959-836
Sequence 836, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McWaters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 836:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-263-959-836

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATATATATATATATAT 2841
DB 1 TATATATATATATATATAT 19

RESULT 358

US-09-953-562-3
Sequence 3, Application US/09953562
Publication No. US20030096241A1
GENERAL INFORMATION:
APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
TITLE OF INVENTION: CELL CARCINOMA
FILE REFERENCE: E6114-01
CURRENT APPLICATION NUMBER: US/09/953,562
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: JP 2001-083352

PRIOR FILING DATE: 2001-03-22
NUMBER OF SEQ ID NOS: 27
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: FGPR3 mutagenic oligonucleotide
US-09-953-562-3

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1855 CCGTACCCCGCATCCCTG 1873
DB 1 CCGTACCCCGCATCCCTG 19

RESULT 359

US-10-665-951-389
Sequence 389, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (SINA)
FILE REFERENCE: 400/131 (MEHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 389
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 47.4%; Pred. No. 2.9e+02;
Matches 9; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336
DB 1 UGUGUGUGUGUGUGUGUGU 19

RESULT 360

US-10-665-951-816/c
; Sequence 816, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 816
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-816

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGGT 2336

DB 19 TGTGTGTGTGTGTGTGT 1

RESULT 361

US-10-665-951-1676
; Sequence 1676, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1676
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGACC 1627

DB 1 AAGUGCAUCCACAGAGACC 19

RESULT 362

US-10-665-951-1689
; Sequence 1689, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1689
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1689

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.9e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1843 CTGGGGGGCTCCCGTACC 1861
|:|||||:|||||:
Db 1 CUGGGGGCTCCCGGUACC 19

RESULT 363

US-10-665-951-1923/c
; Sequence 1923, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (WBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1923

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-665-951-1923

Query Match 0.5%; Score 17.4; DB 1; Length 19;

Best Local Similarity 94.7%; Pred. No. 2.9e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGACC 1627

|||||

Db 19 AAGTGCATCCACAGAGACC 1

RESULT 364

US-10-665-951-1936/c
; Sequence 1936, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (WBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1936

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-665-951-1936

Query Match 0.5%; Score 17.4; DB 1; Length 19;

Best Local Similarity 94.7%; Pred. No. 2.9e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1843 CTGGGGGGCTCCCGTACC 1861

|||||

Db 19 CTGGGGGGCTCCCGTACC 1

RESULT 365

US-10-303-420-146/c
; Sequence 146, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 271
; SEQ ID NO 146
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

;
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-146

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1645 CTGGTGACCGAGGACAACG 1663
| | | | | | | | | | | | | | | | | | | | | |
Db 19 CTGGTGACAGAGGACAACG 1

RESULT 366
US-10-303-420-250
; Sequence 250, Application US/10303420
; Publication No. US20040102398A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
; FILE REFERENCE: RTS-0417
; CURRENT APPLICATION NUMBER: US/10/303,420
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 271
; SEQ ID NO 250
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-303-420-250

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1645 CTGGTGACCGAGGACAACG 1663
| | | | | | | | | | | | | | | | | | | | | |
Db 2 CTGGTGACAGAGGACAACG 20

RESULT 367
US-10-671-395-959/c
; Sequence 959, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 959
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-959

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCCGTGTGTGTGTGTGTGT 2350
| | | | | | | | | | | | | | | | | | | | | |
Db 19 TCCGTGTGTGTGTGTGTGT 1

RESULT 368
US-10-671-395-967/c
; Sequence 967, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 967
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-967

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TGTGTGTGTGTGTGTGTGT 2

RESULT 369
US-10-786-720-11525/c
; Sequence 11525, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11525
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-11525

Query Match 0.5%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGTG 2347
| | | | | | | | | | | | | | | | | | | | | |
Db 19 GTGTGCGTGTGTGTGTGTG 1

RESULT 370
US-10-786-720-11528/c
; Sequence 11528, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

```

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 11528
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11528

Query Match
Best Local Similarity 0.5%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2327 GTGTGCGTGTGTGTGTG 2345
Db 19 GTGTGCGATGTGTGTG 1

RESULT 371
US-10-786-720-11531/c
; Sequence 11531, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 11531
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11531

Query Match
Best Local Similarity 0.5%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGCGTGTGTGTG 2343
Db 19 GTGTGTGCATGTGTGTG 1

RESULT 372
US-10-786-720-20998
; Sequence 20998, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20998
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20998

Query Match
Best Local Similarity 0.5%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGCGTGTGTGTG 2343
Db 19 GTGTGTGCATGTGTGTG 1

RESULT 373
US-10-786-720-20999
; Sequence 20999, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20999
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20999

Query Match
Best Local Similarity 0.5%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGTGTGTGTGTGTGTG 2350
Db 1 TUCGUGUGUGUGUGUGUGU 19

RESULT 374
US-10-786-720-21000/c
; Sequence 21000, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 21000
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-21000

Query Match
Best Local Similarity 0.5%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGTGTGTGTGTGTGTG 2350
Db 19 TTCGTGTGTGTGTGTGTGT 1

RESULT 375
US-09-263-959-753/c
; Sequence 753, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
```


RESULT 380
US-10-209-608-4
; Sequence 4, Application US/102039608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO

```
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTCCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTGTGCTTTT 29

RESULT 382
US-10-683-386-4
; Sequence 4, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTCCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTGTGCTTTT 29

RESULT 383
US-10-683-386-10
; Sequence 10, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTCCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTGTGCTTTT 29

RESULT 384
US-09-801-274-960/c
; Sequence 960, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 960
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-960

Query Match 0.5%; Score 17.4; DB 1; Length 31;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 3414 AGGGGCCGCGCCTGTGTGCAG 3434
| | | | | | | | | | | | | | | | | | |
Db 21 AGGGGMCCTGCGTGCAG 1

RESULT 385
US-10-118-783-92
; Sequence 92, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-92
```

```
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTCCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | |
Db 3 ATATATTTTTCCTTGTGCTTTT 29

RESULT 384
US-09-801-274-960/c
; Sequence 960, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 960
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-960

Query Match 0.5%; Score 17.4; DB 1; Length 31;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 3414 AGGGGCCGCGCCTGTGTGCAG 3434
| | | | | | | | | | | | | | | | | | |
Db 21 AGGGGMCCTGCGTGCAG 1

RESULT 385
US-10-118-783-92
; Sequence 92, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-92
```

Query Match 0.5%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 644 ACCTGAGGTGAATGCGACAA 665
DB 1 ACATCGAGGTGAATGCGACAA 22

RESULT 386
US-10-307-817-485
; Sequence 485, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 485
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-485

Query Match 0.5%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 637 CTCAAGCAGCTGCGAGTGAATG 658
DB 1 CTAAGCACATCGAGTGAATG 22

RESULT 387
US-09-779-879A-25
; Sequence 25, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRs) HDGMR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/09/779,879A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain
US-09-779-879A-25

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGTGAGGCTG 874

DB 1 GAGGTGCAGCTGTGTGAGTCTG 22

RESULT 388
US-09-779-880A-25
; Sequence 25, Application US/09779880A
; Patent No. US20020061834A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRs) HDGMR10
; FILE REFERENCE: 1488.115000C
; CURRENT APPLICATION NUMBER: US/09/779,880A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain
US-09-779-880A-25

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGTGAGGCTG 874
DB 1 GAGGTGCAGCTGTGTGAGTCTG 22

RESULT 389
US-09-910-120-14
; Sequence 14, Application US/09910120
; Patent No. US20020137053A1
; GENERAL INFORMATION:
; APPLICANT: DANA AULT-RICHE
; APPLICANT: PAUL D. KASSNER
; TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS
; TITLE OF INVENTION: AND USES THEREOF FOR NESTED SORTING AND HIGH THROUGHPUT
; TITLE OF INVENTION: SCREENING
; FILE REFERENCE: 25885-1751
; CURRENT APPLICATION NUMBER: US/09/910,120
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/219,183
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer:HuVH3aBACK
US-09-910-120-14

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGTGAGGCTG 874

Db 1 GAGGTGCAGCTGTGGAGTGTG 22

RESULT 390
US-09-982-610-2/c
; Sequence 2, Application US/09982610
; Patent No. US20020146420A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; Bennett, Brian D.
; Goeddel, David
; Lee, James M.
; Matthews, William
; Tsai, Siao Ping
; Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/982,610
; FILING DATE: 17-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/446,648
; FILING DATE: 1996-MAY-23
; APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0821P3PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-982-610-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GAGCTGTGTCCTTTGGGTCC 1822
Db 23 GAGCTGTGTCCTTTGGAATTC 2

RESULT 391
US-09-805-761-42
; Sequence 42, Application US/09805761
; Patent No. US20020165174A1
; GENERAL INFORMATION:
; APPLICANT: Gill, Parkesh
; APPLICANT: Masood, Rizwan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE
; TITLE OF INVENTION: VEGF OLIGONUCLEOTIDES

FILE REFERENCE: 21327-701CON2
; CURRENT APPLICATION NUMBER: US/09/805,761
; CURRENT FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/00019
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 09/487,023
; PRIOR FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: US 09/016,541
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: US 09/016,541
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: US 60/037,004
; PRIOR FILING DATE: 1997-01-31
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR-1 gene specific primers for RT-PCR
US-09-805-761-42

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1573 CAGGTGGCCGGGGCATGGAGT 1594
Db 1 CAGGTGGCCAGAGGCATGGAGT 22

RESULT 392
US-09-805-761-43
; Sequence 43, Application US/09805761
; Patent No. US20020165174A1
; GENERAL INFORMATION:
; APPLICANT: Gill, Parkesh
; APPLICANT: Masood, Rizwan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE
; TITLE OF INVENTION: VEGF OLIGONUCLEOTIDES
; FILE REFERENCE: 21327-701CON2
; CURRENT APPLICATION NUMBER: US/09/805,761
; CURRENT FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/00019
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 09/487,023
; PRIOR FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: US 09/016,541
; PRIOR FILING DATE: 2000-11-24
; PRIOR APPLICATION NUMBER: US 09/016,541
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: US 60/037,004
; PRIOR FILING DATE: 1997-01-31
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR-1 gene specific primers for RT-PCR
US-09-805-761-43

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1573 CAGGTGGCCGGGGCATGGAGT 1594
Db 1 CAGGTGGCCAGAGGCATGGAGT 22

; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer useful for amplifying VH and VL domains
US-10-039-785-8

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 397

US-10-153-064-35
; Sequence 35, Application US/10153064
; Publication No. US20020142814A1
; GENERAL INFORMATION:
; APPLICANT: Bell et al.
; TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
; FILE REFERENCE: PF556
; CURRENT APPLICATION NUMBER: US/10/153,064
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/293,212
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35-
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Degenerate VH forward primer useful for
; OTHER INFORMATION: amplifying human VH domains
US-10-153-064-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 398

US-10-077-023-123
; Sequence 123, Application US/10077023
; Publication No. US20030031675A1
; GENERAL INFORMATION:
; APPLICANT: MIKESELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; TITLE OF INVENTION: IMMUNOMODULATION
; FILE REFERENCE: 3053-4071US3
; CURRENT APPLICATION NUMBER: US/10/077,023
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 23
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-077-023-123

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 399

US-10-075-846-40
; Sequence 40, Application US/10075846
; Publication No. US20030032608A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL GLYCINE RECEPTOR ALPHA SUBUNIT EX
; FILE REFERENCE: D0079 NP
; CURRENT APPLICATION NUMBER: US/10/075,846
; CURRENT FILING DATE: 2002-02-13
; PRIOR APPLICATION NUMBER: US 60/269,535
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-846-40

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 400

US-10-056-884-33
; Sequence 33, Application US/10056884
; Publication No. US20030032786A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUBU
; FILE REFERENCE: D0076 NP
; CURRENT APPLICATION NUMBER: US/10/056,884
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,872
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/269,794
; PRIOR FILING DATE: 2001-02-14
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-056-884-33

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
|||||

```

Db      1  GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 401
US-10-080-980-30
; Sequence 30, Application US/10080980
; Publication No. US20030036115A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; FILE REFERENCE: D0121 NP
; CURRENT APPLICATION NUMBER: US/10/080,980
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: US 60/270,132
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: US 60/278,953
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-080-980-30

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 402
US-10-092-135-40
; Sequence 40, Application US/10092135
; Publication No. US20030054374A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0134 NP
; CURRENT APPLICATION NUMBER: US/10/092,135
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: US 60/273,808
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/278,983
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-135-40

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 403
US-10-086-156-60
; Sequence 60, Application US/10086156
; Publication No. US20030054989A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company

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; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING TWO NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; FILE REFERENCE: D0115NP
; CURRENT APPLICATION NUMBER: US/10/086,156
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/272,190
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/274,258
; PRIOR FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-156-60

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 404
US-10-081-775-30
; Sequence 30, Application US/10081775
; Publication No. US20030060409A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED
; FILE REFERENCE: D0126 NP
; CURRENT APPLICATION NUMBER: US/10/081,775
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: US 60/270,134
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: US 60/278,952
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-081-775-30

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 405
US-10-092-771-43
; Sequence 43, Application US/10092771
; Publication No. US20030064381A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0128NP
; CURRENT APPLICATION NUMBER: US/10/092,771
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: US 60/273,963
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/278,927
; PRIOR FILING DATE: 2001-03-27

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; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-771-43

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
DB 1 GAGTGCAGCTGGTGGAGTCTG 22
|||||

RESULT 406
US-10-067-443-35
; Sequence 35, Application US/10067443
; Publication No. US20030082782A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN
; FILE REFERENCE: D0073 NP
; CURRENT APPLICATION NUMBER: US/10/067,443
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/266,518
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/282,814
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 35
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-067-443-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
DB 1 GAGTGCAGCTGGTGGAGTCTG 22
|||||

RESULT 407
US-10-104-943-96
; Sequence 96, Application US/10104943
; Publication No. US20030092017A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL IMMUNOGLOBULIN SUPERFAMILY MEMBER
; FILE REFERENCE: D0135 NP
; CURRENT APPLICATION NUMBER: US/10/104,943
; CURRENT FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,037
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 60/281,223
; PRIOR FILING DATE: 2001-04-03
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 96
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-104-943-96

Query Match 0.5%; Score 17.2; DB 1; Length 23;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
DB 1 GAGTGCAGCTGGTGGAGTCTG 22
|||||

RESULT 408
US-10-120-604-142
; Sequence 142, Application US/10120604
; Publication No. US20030096347A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: D0143NP
; CURRENT APPLICATION NUMBER: US/10/120,604
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: US 60/283,145
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: US 60/283,161
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: US 60/288,468
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: US 60/300,619
; PRIOR FILING DATE: 2001-06-25
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 142
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-120-604-142

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
DB 1 GAGTGCAGCTGGTGGAGTCTG 22
|||||

RESULT 409
US-10-067-649-56
; Sequence 56, Application US/10067649
; Publication No. US20030100057A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPBMY14, RELATED TO
; FILE REFERENCE: D0118 NP
; CURRENT APPLICATION NUMBER: US/10/067,649
; CURRENT FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/266,525
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/329,897
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 56
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-067-649-56

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
|||||

; Sequence 107, Application US/10116519
; Publication No. US20030114373A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL CYSTEINE PROTEASE OF THE CALPAIN
; TITLE OF INVENTION: SUPERFAMILY, CAN-12 AND VARIANTS THEREOF
; FILE REFERENCE: D0124 NP
; CURRENT APPLICATION NUMBER: US/10/116,519
; PRIOR FILING DATE: 2002-04-03
; PRIOR FILING DATE: 2001-04-03
; PRIOR FILING DATE: 2001-04-03
; PRIOR FILING DATE: 2001-05-04
; PRIOR FILING DATE: 2001-05-04
; PRIOR FILING DATE: 2001-06-06
; PRIOR FILING DATE: 2001-06-25
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 107
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-116-519-107

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGGAGGCTG 874
Db 1 GAGGTGACGCTGTGGAGTCTG 22

RESULT 415
US-10-173-461-30
; Sequence 30, Application US/10173461
; Publication No. US20030138795A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN GROWTH FACTOR WITH HOMOLOG
; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR, BGS-8, EXPRESSED HIGHLY IN IMMUNE TISS
; FILE REFERENCE: D0166 NP
; CURRENT APPLICATION NUMBER: US/10/173,461
; PRIOR FILING DATE: 2002-06-14
; PRIOR FILING DATE: 2001-06-14
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-173-461-30

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGGAGGCTG 874
Db 1 GAGGTGACGCTGTGGAGTCTG 22

RESULT 416
US-10-153-604A-35
; Sequence 35, Application US/10153604A
; Publication No. US20030143191A1
; GENERAL INFORMATION:
; APPLICANT: Bell et al.
; TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
; FILE REFERENCE: PF556
; CURRENT APPLICATION NUMBER: US/10/153,604A

; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/293,212
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 35
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Degenerate VH forward primer useful for
; OTHER INFORMATION: amplifying human VH domains
US-10-153-604A-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGGAGGCTG 874
Db 1 GAGGTGACGCTGTGGAGTCTG 22

RESULT 417
US-10-341-226-14
; Sequence 14, Application US/10341226
; Publication No. US20030143612A1
; GENERAL INFORMATION:
; APPLICANT: DANA AULT-RICHE
; APPLICANT: PAUL D. KASSNER
; TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS AND USES THEREOF FOR NEST
; TITLE OF INVENTION: SORTING AND HIGH THROUGHPUT SCREENING
; FILE REFERENCE: 25885-1751B
; CURRENT APPLICATION NUMBER: US/10/341,226
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: 09/910,120
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/219,183
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer:HuVH3ABACK
US-10-341-226-14

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGGAGGCTG 874
Db 1 GAGGTGACGCTGTGGAGTCTG 22

RESULT 418
US-10-153-244-274
; Sequence 274, Application US/10153244
; Publication No. US20030144191A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER, TRP-PL
; TITLE OF INVENTION: SPLICE VARIANTS THEREOF
; FILE REFERENCE: D0144 NP
; CURRENT APPLICATION NUMBER: US/10/153,244
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: US 60/292,599
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/362,944
; PRIOR FILING DATE: 2002-03-08

```
; NUMBER OF SEQ ID NOS: 335
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 274
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-153-244-274

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22

RESULT 419
US-10-199-869-43
; Sequence 43, Application US/10199869
; Publication No. US20030152953A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB
; FILE REFERENCE: D0161 NP
; CURRENT APPLICATION NUMBER: US/10/199,869
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US 60/306,577
; PRIOR FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-199-869-43

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22

RESULT 420
US-10-152-272
; Sequence 272, Application US/10210152
; Publication No. US20030162189A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER, LTRPC3
; FILE REFERENCE: D0171 NP
; CURRENT APPLICATION NUMBER: US/10/210,152
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 60/309,544
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 272
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-152-272

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
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||||| | ||||| ||||| |||||
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 421
US-10-234-951A-28
; Sequence 28, Application US/10234951A
; Publication No. US20030162251A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL
; FILE REFERENCE: D0162 NP
; CURRENT APPLICATION NUMBER: US/10/234,951A
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: U.S. 60/317,087
; PRIOR FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: U.S. 60/329,666
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-234-951A-28

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 422
US-10-135-839-25
; Sequence 25, Application US/10135839
; Publication No. US20030166024A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/10/135,839
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US/09/779,879A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain
US-10-135-839-25

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGGCTG 22
```



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RESULT 423
US-10-159-339-49
; Sequence 49, Application US/10159339
; Publication No. US20030166540A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: HGRPMY30
; FILE REFERENCE: D0169NP
; CURRENT APPLICATION NUMBER: US/10/159,339
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: US 60/294,411
; PRIOR FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-339-49

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 424
US-10-120-398-38
; Sequence 38, Application US/10120398
; Publication No. US20030170786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig, et al.
; TITLE OF INVENTION: Vascular Endothelial Growth Factor-2
; FILE REFERENCE: PF112P7
; CURRENT APPLICATION NUMBER: US/10/120,398
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/283,408
; PRIOR FILING DATE: 2001-04-13
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: VH Primer Hu VH3-5'
US-10-120-398-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 425
US-10-120-414-38
; Sequence 38, Application US/10120414
; Publication No. US20030175274A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig, et al.
; TITLE OF INVENTION: Vascular Endothelial Growth Factor-2
; FILE REFERENCE: PF112P9
; CURRENT APPLICATION NUMBER: US/10/120,414
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/283,385
```

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; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/350,366
; PRIOR FILING DATE: 2002-01-24
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: VH Primer Hu VH3-5'
US-10-120-414-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 426
US-10-120-377-38
; Sequence 38, Application US/10120377
; Publication No. US20030176674A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig, et al.
; TITLE OF INVENTION: Vascular Endothelial Growth Factor-2
; FILE REFERENCE: PF112P8
; CURRENT APPLICATION NUMBER: US/10/120,377
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/283,391
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/317,600
; PRIOR FILING DATE: 2001-09-07
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: VH Primer Hu VH3-5'
US-10-120-377-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 427
US-10-322-673-8
; Sequence 8, Application US/10322673
; Publication No. US20030180296A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PF585
; CURRENT APPLICATION NUMBER: US/10/322,673
; CURRENT FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: 60/341,237
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/369,877
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384,828
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/396,591
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Thu Oct 28 12:48:26 2004

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; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/403,370
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/425,737
; PRIOR FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer useful for amplifying VH and VL domains
US-10-322-673-8

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 428
US-10-264-171-21
; Sequence 21, Application US/10264171
; Publication No. US2003018171A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; FILE REFERENCE: D0049A CIP
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: U.S. 10/040,805
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-264-171-21

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 429
US-10-271-078-55
; Sequence 55, Application US/10271078
; Publication No. US20030186267A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN LEUCINE-RICH REPEAT DOMAIN CONTAINING PROTEIN, HLLRCF
; FILE REFERENCE: D0157 NP
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: U.S. 60/328,478
; PRIOR FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-271-078-55

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 430
US-10-139-785-8
; Sequence 8, Application US/10139785
; Publication No. US20030190685A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PF550
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US/10/139,785
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/369,860
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/341,237
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/331,310
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/327,364
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/293,473
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer useful for amplifying VH and VL domains
US-10-139-785-8

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 431
US-10-295-693-56
; Sequence 56, Application US/10295693
; Publication No. US20030198976A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMV14, RELATED TO THE
; FILE REFERENCE: D0118 CIP
; CURRENT FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: US 60/266,525
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 10/067,649
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/329,897
```

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; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-693-56

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 432
US-10-350-516-38
; Sequence 38, Application US/10350516
; Publication No. US20030204070A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METHIONINE AMINOPEPTIDASE,
; FILE REFERENCE: D0246 NP
; CURRENT APPLICATION NUMBER: US/10/350,516
; CURRENT FILING DATE: 2003-01-23
; PRIOR APPLICATION NUMBER: U.S. 60/351,251
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: U.S. 60/362,872
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-350-516-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 433
US-10-319-315-61
; Sequence 61, Application US/10319315
; Publication No. US20030219774A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN NEUROTRANSMITTER TRANSPORTER
; FILE REFERENCE: D0205 NP
; CURRENT APPLICATION NUMBER: US/10/319,315
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-319-315-61

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
```

```
||||| 1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 434
US-10-411-284-15
; Sequence 15, Application US/10411284
; Publication No. US20030224426A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HSATU68
; FILE REFERENCE: PF218P1
; CURRENT APPLICATION NUMBER: US/10/411,284
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/371,725
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 09/101,518
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: PCT/US96/00499
; PRIOR FILING DATE: 1996-01-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 15
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Degenerate VH forward primer
US-10-411-284-15

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 435
US-10-405-793-272
; Sequence 272, Application US/10405793
; Publication No. US20030224450A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER,
; FILE REFERENCE: D0171A CIP
; CURRENT APPLICATION NUMBER: US/10/405,793
; CURRENT FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: US 60/309,544
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: US 10/102,152
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 272
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-405-793-272

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 436
US-10-126-103-172
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; Sequence 172, Application US/10126103
; Publication No. US20030224486A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHWAY
; FILE REFERENCE: D0108.np
; CURRENT APPLICATION NUMBER: US/10/126,103
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/284,962
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 60/286,645
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/346,986
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 172
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-126-103-172

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
Db      1 GAGGTGAGCTGCTGGAGTCTG 22

RESULT 437
US-10-292-486-8
; Sequence 8, Application US/10292486
; Publication No. US20030228309A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies That Immunospecifically Bind To TRAIL Receptors
; FILE REFERENCE: PF532P1
; CURRENT APPLICATION NUMBER: US/10/292,486
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/403,376
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/377,973
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/331,309
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 09/986,149
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/327,359
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/295,018
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/252,904
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/248,847
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 60/246,612
; PRIOR FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-292-486-8

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
Db      1 GAGGTGAGCTGCTGGAGTCTG 22

RESULT 438
US-10-298-215-13/c
; Sequence 13, Application US/10298215
; Publication No. US20040009157A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Dan
; TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
; FILE REFERENCE: P-4891-US2
; CURRENT APPLICATION NUMBER: US/10/298,215
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-298-215-13

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      521 CCCCGCACCGGCCCATCTCTGCA 542
Db      23 CACCACACCGGCCCATCTCTCCA 2

RESULT 439
US-10-390-585-70
; Sequence 70, Application US/10390585
; Publication No. US20040014093A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL CYSTEINE PROTEASE OF THE CALPAIN
; FILE REFERENCE: D0219np
; CURRENT APPLICATION NUMBER: US/10/390,585
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: U.S. 60/364,941
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 70
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-390-585-70

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
Db      1 GAGGTGAGCTGCTGGAGTCTG 22

RESULT 440
US-10-649-273-35
; Sequence 35, Application US/10649273
; Publication No. US20040043407A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE, MP-1
; FILE REFERENCE: D0073 CNT
; CURRENT APPLICATION NUMBER: US/10/649,273
; CURRENT FILING DATE: 2003-08-27
; PRIOR APPLICATION NUMBER: US 60/266,518
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 10/067,443
; PRIOR FILING DATE: 2002-02-05

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; PRIOR APPLICATION NUMBER: US 60/282,814
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-649-273-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGTGGAGTCTG 22

RESULT 441

US-10-651-722-35
; Sequence 35, Application US/10651722
; Publication No. US20040048302A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE, MP-1
; FILE REFERENCE: D0073 DIV
; CURRENT APPLICATION NUMBER: US/10/651,722
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 60/266,518
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 10/067,443
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/282,814
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-651-722-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGTGGAGTCTG 22

RESULT 442

US-10-351-891-14
; Sequence 14, Application US/10351891
; Publication No. US20040048311A1
; GENERAL INFORMATION:
; APPLICANT: DANA AULT-RICHE
; APPLICANT: PAUL D. KASSNER
; TITLE OF INVENTION: USE OF COLLECTIONS OF BINDING SITES FOR SAMPLE PROFILING AND OTHER
; FILE REFERENCE: 25885-1753
; CURRENT APPLICATION NUMBER: US/10/351,891
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/352,011
; PRIOR FILING DATE: 2002-01-24
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Primer:HuVH3aBACK
US-10-351-891-14

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGTGGAGTCTG 22

RESULT 443

US-10-334-360-17
; Sequence 17, Application US/10334360
; Publication No. US20040086881A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, BMSOTR, AND SPLICE
; FILE REFERENCE: D0201 NP
; CURRENT APPLICATION NUMBER: US/10/334,360
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: U.S. 60/345,706
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: U.S. 60/355,559
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-334-360-17

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGGAGGCTG 874
|||||
Db 1 GAGGTGCAGCTGTGGAGTCTG 22

RESULT 444

US-10-431-096-172
; Sequence 172, Application US/10431096
; Publication No. US2004008696A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; FILE REFERENCE: D0108A CIP
; CURRENT APPLICATION NUMBER: US/10/431,096
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/284,962
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 10/126,103
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/286,645
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/346,986
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 307
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 172
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-431-096-172

Query Match 0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 853 GAGGAGAGCTGTGTGGAGCTG 874
 Db 1 GAGGTGCAGCTGTGTGGAGCTG 22

RESULT 445
 US-10-803-622-83
 ; Sequence 83, Application US/10803622
 ; Publication No. US20040157214A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cambridge Antibody Technology
 ; APPLICANT: Cambridge Antibody Technology Limited
 ; APPLICANT: Medical Research Council
 ; APPLICANT: McCafferty, John
 ; APPLICANT: Pope, Anthony
 ; APPLICANT: Johnson, Kevin
 ; APPLICANT: Hoogenboom, Hendricus
 ; APPLICANT: Griffiths, Andrew
 ; APPLICANT: Jackson, Ronald
 ; APPLICANT: Holliger, Kasper
 ; APPLICANT: Marks, James
 ; APPLICANT: Clackson, Timothy
 ; APPLICANT: Chiswell, David
 ; APPLICANT: Winter, Gregory
 ; APPLICANT: Bonert, Timothy
 ; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
 ; FILE REFERENCE: 13839-00013
 ; CURRENT APPLICATION NUMBER: US/10/803,622
 ; CURRENT FILING DATE: 2004-03-18
 ; PRIOR APPLICATION NUMBER: GB 9015198.6
 ; PRIOR FILING DATE: 1990-07-10
 ; PRIOR APPLICATION NUMBER: GB 9022845.3
 ; PRIOR FILING DATE: 1990-10-19
 ; PRIOR APPLICATION NUMBER: GB 9022845.3
 ; PRIOR FILING DATE: 1990-10-19
 ; PRIOR APPLICATION NUMBER: GB 9024503.6
 ; PRIOR FILING DATE: 1990-11-12
 ; PRIOR APPLICATION NUMBER: GB 9104744.9
 ; PRIOR FILING DATE: 1991-03-06
 ; PRIOR APPLICATION NUMBER: GB 9110549.4
 ; PRIOR FILING DATE: 1991-05-15
 ; PRIOR APPLICATION NUMBER: PCT/GB91/01134
 ; PRIOR FILING DATE: 1991-07-10
 ; PRIOR APPLICATION NUMBER: US 07/971,857
 ; PRIOR FILING DATE: 1993-01-08
 ; PRIOR APPLICATION NUMBER: US 08/484,893
 ; PRIOR FILING DATE: 1995-06-07
 ; NUMBER OF SEQ ID NOS: 272
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 83
 ; LENGTH: 23
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR Primer
 US-10-803-622-83

Query Match 0.5%; Score 17.2; DB 1; Length 23;
 Best Local Similarity 86.4%; Pred. No. 3.9e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGGAGCTG 874
 Db 1 GAGGTGCAGCTGTGTGGAGCTG 22

RESULT 446
 US-10-803-653-83
 ; Sequence 83, Application US/10803653
 ; Publication No. US20040157215A1
 ; GENERAL INFORMATION:

; APPLICANT: Cambridge Antibody Technology
 ; APPLICANT: Cambridge Antibody Technology Limited
 ; APPLICANT: Medical Research Council
 ; APPLICANT: McCafferty, John
 ; APPLICANT: Pope, Anthony
 ; APPLICANT: Johnson, Kevin
 ; APPLICANT: Hoogenboom, Hendricus
 ; APPLICANT: Griffiths, Andrew
 ; APPLICANT: Jackson, Ronald
 ; APPLICANT: Holliger, Kasper
 ; APPLICANT: Marks, James
 ; APPLICANT: Clackson, Timothy
 ; APPLICANT: Chiswell, David
 ; APPLICANT: Winter, Gregory
 ; APPLICANT: Bonert, Timothy
 ; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
 ; FILE REFERENCE: 13839-00013
 ; CURRENT APPLICATION NUMBER: US/10/803,653
 ; CURRENT FILING DATE: 2004-03-18
 ; PRIOR APPLICATION NUMBER: GB 9015198.6
 ; PRIOR FILING DATE: 1990-07-10
 ; PRIOR APPLICATION NUMBER: GB 9022845.3
 ; PRIOR FILING DATE: 1990-10-19
 ; PRIOR APPLICATION NUMBER: GB 9022845.3
 ; PRIOR FILING DATE: 1990-10-19
 ; PRIOR APPLICATION NUMBER: GB 9024503.6
 ; PRIOR FILING DATE: 1990-11-12
 ; PRIOR APPLICATION NUMBER: GB 9104744.9
 ; PRIOR FILING DATE: 1991-03-06
 ; PRIOR APPLICATION NUMBER: GB 9110549.4
 ; PRIOR FILING DATE: 1991-05-15
 ; PRIOR APPLICATION NUMBER: PCT/GB91/01134
 ; PRIOR FILING DATE: 1991-07-10
 ; PRIOR APPLICATION NUMBER: US 07/971,857
 ; PRIOR FILING DATE: 1993-01-08
 ; PRIOR APPLICATION NUMBER: US 08/484,893
 ; PRIOR FILING DATE: 1995-06-07
 ; NUMBER OF SEQ ID NOS: 272
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 83
 ; LENGTH: 23
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR Primer
 US-10-803-653-83

Query Match 0.5%; Score 17.2; DB 1; Length 23;
 Best Local Similarity 86.4%; Pred. No. 3.9e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGGAGCTG 874
 Db 1 GAGGTGCAGCTGTGTGGAGCTG 22

RESULT 447
 US-10-615-659-69
 ; Sequence 69, Application US/10615659
 ; Publication No. US20040157234A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bristol-Myers Squibb Company
 ; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL TESTIS-SPECIFIC TUBULIN
 ; TITLE OF INVENTION: TYROSINE-LIGASE-LIKE PROTEIN, BGS42
 ; FILE REFERENCE: D0283 NP
 ; CURRENT APPLICATION NUMBER: US/10/615,659
 ; CURRENT FILING DATE: 2003-07-09
 ; PRIOR APPLICATION NUMBER: U.S. 60/394,725
 ; PRIOR FILING DATE: 2002-07-09
 ; NUMBER OF SEQ ID NOS: 102
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 69
 ; LENGTH: 23

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-615-659-69

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 448
US-10-635-977-69
; Sequence 69, Application US/10635977
; Publication No. US20040171131A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL TESTIS-SPECIFIC TUBULIN
; FILE REFERENCE: D0283A CIP
; CURRENT APPLICATION NUMBER: US/10/635,977
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: U.S. 60/394,725
; PRIOR FILING DATE: 2002-07-09
; PRIOR APPLICATION NUMBER: U.S. 10/615,659
; PRIOR FILING DATE: 2003-07-09
; NUMBER OF SEQ ID NOS: 103
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 69
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-635-977-69

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 449
US-10-085-906-357
; Sequence 357, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 357
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-357

Query Match      0.5%; Score 17.2; DB 1; Length 26;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 450
US-09-958-221A-18
; Sequence 18, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-18

Query Match      0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGTGTG 2333
Db 1 CTGTGTGTGTGTGTGTGTG 17

RESULT 451
US-09-958-221A-20/c
; Sequence 20, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-20

Query Match      0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTG 2334
Db 1 TGTGTGTGTGTGTGTGTG 17

```

Db 17 TGTGTGTGTGTGTGTC 1

RESULT 452

US-09-953-047-4

; Sequence 4, Application US/09953047

; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 4

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR Primer

US-09-953-047-4

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1245 GGCCATCGGCATTGACA 1261

|||||

Db 1 GGCCATCGGCATTGACA 17

RESULT 453

US-10-630-401-4

; Sequence 4, Application US/10630401

; Publication No. US20040048824A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/10/630,401

; CURRENT FILING DATE: 2003-07-30

; PRIOR APPLICATION NUMBER: US/09/953,047

; PRIOR FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 4

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR Primer

US-10-630-401-4

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1245 GGCCATCGGCATTGACA 1261

|||||

Db 1 GGCCATCGGCATTGACA 17

RESULT 454

US-10-138-674-8257

; Sequence 8257, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8983

; LENGTH: 17

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

|||||

Db 1 GUGUGUGUGUGUGUG 17

RESULT 455

US-10-138-674-8258

; Sequence 8258, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8258

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-138-674-8258

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

|||||

Db 1 GUGUGUGUGUGUGUG 17

RESULT 456

US-10-138-674-8983

; Sequence 8983, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8983

; LENGTH: 17

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

|||||

Db 1 GUGUGUGUGUGUGUG 17

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8257

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-138-674-8257

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333

|||||

Db 1 CUGUGUGUGUGUGUG 17

RESULT 455

US-10-138-674-8258

; Sequence 8258, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8258

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-138-674-8258

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

|||||

Db 1 GUGUGUGUGUGUGUG 17

RESULT 456

US-10-138-674-8983

; Sequence 8983, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8983

; LENGTH: 17

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

|||||

Db 1 GUGUGUGUGUGUGUG 17

; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8983

Query Match 0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.9e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1794 CCAGAGTGACGTCTGGT 1810
DB 1 CCAGAGUGACGUCUGGU 17

RESULT 457

US-10-287-949A-8257
; Sequence 8257, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8257
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8257

Query Match 0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.9e+02;
Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333
DB 1 CUGUGUGUGUGUGUGUG 17

RESULT 458

US-10-287-949A-8258
; Sequence 8258, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8258
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8258

Query Match 0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.9e+02;
Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

DB 1 GUGUGUGUGUGUGUG 17

RESULT 459

US-10-287-949A-8983
; Sequence 8983, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8983
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8983

Query Match 0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.9e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1794 CCAGAGTGACGTCTGGT 1810
DB 1 CCAGAGUGACGUCUGGU 17

RESULT 460

US-09-735-363A-17
; Sequence 17, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-17

Query Match 0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
DB 2 GTGTGTGTGTGTGTG 18

RESULT 461

US-09-735-363A-18
; Sequence 18, Application US/09735363A

```
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-18

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 1 GTGTGTGTGTGTGTGTG 17

RESULT 462
US-09-896-650A-28
; Sequence 28, Application US/09896650A
; Patent No. US20020146704A1
; GENERAL INFORMATION:
; APPLICANT: Head, Steven
; APPLICANT: Boyce-Jacino, Michael
; APPLICANT: Karn, Jonathan
; APPLICANT: Goeliet, Philip
; TITLE OF INVENTION: De No. US20020146704A1 or "Universal" Sequencing Array
; FILE REFERENCE: 13019-2
; CURRENT APPLICATION NUMBER: US/09/896,650A
; CURRENT FILING DATE: 2001-06-29
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reagent Sequence
US-09-896-650A-28

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 2 GTGTGTGTGTGTGTGTG 18

RESULT 463
US-10-011-204-1/c
; Sequence 1, Application US/10011204
; Publication No. US20020182617A1
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180U0
; CURRENT APPLICATION NUMBER: US/10/011,204
; CURRENT FILING DATE: 2001-11-08

; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-18

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 1 GTGTGTGTGTGTGTGTG 17

RESULT 464
US-10-011-204-2
; Sequence 2, Application US/10011204
; Publication No. US20020182617A1
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180U0
; CURRENT APPLICATION NUMBER: US/10/011,204
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
; PRIOR APPLICATION NUMBER: GB 9404709.9
; PRIOR FILING DATE: 1994-03-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-10-011-204-2

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 17 GTGTGTGTGTGTGTGTG 17

RESULT 465
US-10-189-267-141/c
; Sequence 141, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
```

; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-267-141

Query Match 0.4%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3377 TTGCTGTGTGCCAGG 3393
Db 18 TTGCTGTGTGCCAGG 2

RESULT 466
US-10-189-267-262
; Sequence 262, Application US/10189267
; Publication No. US2004006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PFS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-189-267-262

Query Match 0.4%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3377 TTGCTGTGTGCCAGG 3393
Db 3 TTGCTGTGTGCCAGG 19

RESULT 467
US-10-671-395-1191/c
; Sequence 1191, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1191
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1191

Query Match 0.4%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 20 GTGTGTGTGTGTGTG 4

RESULT 468
US-10-786-720-11539/c
; Sequence 11539, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11539
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11539

Query Match 0.4%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351
Db 17 GTGTGTGTGTGTGTG 1

RESULT 469
US-09-969-373-2420
; Sequence 2420, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Eifertz, Roger J.
; APPLICANT: Haug, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2420
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2420

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGCG 2335
Db 1 TCTGTGTGTGTGTGTG 20

RESULT 470
US-09-969-373-2422

; Sequence 2422, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2422
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2422

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2316 TCTGTGTGTGTGTGTGCG 2335
Db 1 TCTGTGTGTGTGTGTGTG 20

RESULT 471
US-09-263-959-596
; Sequence 596, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 596:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-596

Query Match 0.4%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 3463 TATATATATCTATATATATA 3482
Db 1 TATATATATTTATTTATATA 20

RESULT 472
US-09-263-959-596/c
; Sequence 596, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 596:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-596

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2825 TATATATATATATATATA 2844
Db 20 TATATAATAATATATATA 1

RESULT 473
US-10-167-547C-42/c
; Sequence 42, Application US/10167547C
; Publication No. US20030170653A1
; GENERAL INFORMATION:
; APPLICANT: E.I. du Pont de Nemours and Company
; APPLICANT: Damude, Howard G.
; TITLE OF INVENTION: A Biological Method for the Production of Alpha-Methylene-Gamma
; FILE REFERENCE: C11804 US NA
; CURRENT APPLICATION NUMBER: US/10/167,547C
; CURRENT FILING DATE: 2003-03-17
; PRIOR APPLICATION NUMBER: 60/297198
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 67

```
; SOFTWARE: Microsoft Office 07
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer NW23
US-10-167-547C-42

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      883 GGCAGTGTGTATGCAGGCAT 902
Db      20 GGCATTGTGTATGCAGGAAT 1

RESULT 474
US-10-319-893-53
; Sequence 53, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-893-53

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2691 TTTCACACTTCCACCTGC 2710
Db      1 TTTCACACTTCCACACTGC 20

RESULT 475
US-10-319-893-128/c
; Sequence 128, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-319-893-128

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2691 TTTCACACTTCCACCTGC 2710
Db      20 TTTCACACTTCCACACTGC 1

RESULT 476
US-10-671-395-1147/c
; Sequence 1147, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1147

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2324 TGTGTGTGCGTGTGTGTG 2343
Db      20 TGTGTGTGCGTGTGTGTG 1

RESULT 477
US-10-671-395-1158/c
; Sequence 1158, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1158

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2325 GTGTGTGTGCGTGTGTGTG 2344
Db      20 GTGTGTGCGCGTGTGTGTG 1

RESULT 478
US-10-671-395-1388/c
; Sequence 1388, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
```

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1388
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1388

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGCGGTGTGTGT 2342
DB 20 GTGTGTGCGCGGTGTGT 1

RESULT 479
US-10-671-395-1396/c
; Sequence 1396, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1396
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1396

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGCGGTGTGTGT 2341
DB 20 TGTGTGTGCGCGGTGTGT 1

RESULT 480
US-10-659-473-23/c
; Sequence 23, Application US/10659473
; Publication No. US20040197906A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII BETA EXPRESSION
; FILE REFERENCE: RTS-0218
; CURRENT APPLICATION NUMBER: US/10/659,473
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: US/09/915,485A
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 83

; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-659-473-23

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 177 CGAGACGCGGAGGAGGAGG 196
DB 20 CGAGACGCGGAGGAGGAGG 1

RESULT 481
US-10-118-783-93/c
; Sequence 93, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 93
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-93

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1531 GAGGACGAGCTCACCTTCAA 1550
DB 20 GAGGACGAGCTCTCTCCCAA 1

RESULT 482
US-10-786-720-11535
; Sequence 11535, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11535
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-11535

Query Match 0.4%; Score 16.8; DB 1; Length 21;

```
Best Local Similarity 50.0%; Pred. No. 4e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 10; Conservative 8;

QY 2323 GTGTGTGTGCGTGTGTGT 2342
Db 1 GCGUGUGUGUGCAUGUGU 20

RESULT 483
US-10-786-720-11544
; Sequence 11544, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-11544

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 45.0%; Pred. No. 4e+02; Mismatches 9; Indels 0; Gaps 0;
Matches 9; Conservative 9;

QY 2331 GCGGTGTGTGTGTGTGTGT 2350
Db 1 GUGAUGUGUGUGUGUGUGU 20

RESULT 484
US-10-786-720-17095/c
; Sequence 17095, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17095
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17095

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 2332 TGGTGTGTGTGTGTGTGTG 2351
Db 20 TGCTGTGTGTCTGTGTGTG 1

RESULT 485
US-10-786-720-17107/c
; Sequence 17107, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17107
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17107

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 2322 TGTGTGTGTGTGTGTGTGTG 2341
Db 20 TGTGTGTGTCTGTGTGTG 1

RESULT 486
US-10-786-720-17455/c
; Sequence 17455, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17455
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17455

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 2323 GTGTGTGTGTGTGTGTGTGT 2342
Db 21 GTGTGTGTCTGTGTGTGT 2

RESULT 487
US-10-786-720-17457
; Sequence 17457, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17457
; LENGTH: 21
; TYPE: RNA
```



```
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 753:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-753

Query Match 0.4%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATA 3482
Db 2 TATATATATCTATATGATA 21

RESULT 493
US-09-912-679-60/c
; Sequence 60, Application US/09912679
; Patent No. US2020141974A1
; GENERAL INFORMATION:
; APPLICANT: Jolly, Douglas J.
; Chang, Stephen M.W.
; Lee, William T.L.
; Townsend, Kay
; O'Dea, Joanne
; TITLE OF INVENTION: HEPATITIS THERAPEUTICS
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912.679
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.407C5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:

; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912.679
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.407C5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:

; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912.679
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.407C5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-912-679-60

Query Match 0.4%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1820 TCCTGCTCTGGGAGATCTTC 1839
Db 20 TCTTGCTCTGGGAGATCTGC 1

RESULT 494
US-09-466-035-60/c
; Sequence 60, Application US/09466035
; Patent No. US20020165172A1
; GENERAL INFORMATION:
; APPLICANT: SALLBERG, MATTI
; LEE, WILLIAM T.L.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; INTRACELLULAR DISEASES
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robins & Pasternak LLP
; STREET: 545 Middlefield Road, Suite 180
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/466.035
; FILING DATE: 17-Dec-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasternak, Dahn S.
; REGISTRATION NUMBER: 41,411
; REFERENCE/DOCKET NUMBER: 2300-1231.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-325-7812
; TELEFAX: 650-325-7823
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-466-035-60

Query Match 0.4%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1820 TCCTGCTCTGGGAGATCTTC 1839
Db 20 TCTTGCTCTGGGAGATCTGC 1

RESULT 495
US-09-988-899-16
; Sequence 16, Application US/09988899
```

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; Patent No. US20020102613A1
; GENERAL INFORMATION:
; APPLICANT: HOOGENBOOM, HENDRICUS R.J.M.
; TITLE OF INVENTION: NOVEL FAB FRAGMENT LIBRARIES AND METHOD FOR THEIR USE
; FILE REFERENCE: DX/003 CON
; CURRENT APPLICATION NUMBER: US/09/988,899
; PRIOR FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: PCT/US00/13682
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 99201558.6
; PRIOR FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-988-899-16

Query Match      0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 4.4e+02;
Matches 18; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGGAGGCTG 874
Db      1 SAGGTGCAGCTGTGGAGTCTG 22

RESULT 496
US-09-988-899-17
; Sequence 17, Application US/09988899
; Patent No. US20020102613A1
; GENERAL INFORMATION:
; APPLICANT: HOOGENBOOM, HENDRICUS R.J.M.
; TITLE OF INVENTION: NOVEL FAB FRAGMENT LIBRARIES AND METHOD FOR THEIR USE
; FILE REFERENCE: DX/003 CON
; CURRENT APPLICATION NUMBER: US/09/988,899
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: PCT/US00/13682
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 99201558.6
; PRIOR FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-988-899-17

Query Match      0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 4.4e+02;
Matches 18; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGTGGAGWCYG 22

RESULT 497
US-09-911-904-85
; Sequence 85, Application US/09911904
; Publication No. US20030096234A1
; GENERAL INFORMATION:
; APPLICANT: Farr, Spencer B.
; APPLICANT: Pickett, Gavin G.
; APPLICANT: Neft, Robin Eileen
; APPLICANT: Dunn, II, Robert Thomas
; TITLE OF INVENTION: CANINE TOXICITY GENES

```

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; FILE REFERENCE: 400742000200
; CURRENT APPLICATION NUMBER: US/09/911,904
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US 60/220,057
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 386
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 85
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-911-904-85

Query Match      0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1040 AGGTGTCCCTGGAGTCCCAAC 1059
Db      1 AGGTGTCCCTGGAGCCCAAC 20

RESULT 498
US-10-319-221-3
; Sequence 3, Application US/10319221
; Publication No. US20030159169A1
; GENERAL INFORMATION:
; APPLICANT: Colloidi, Paul
; APPLICANT: Fan, Lianchun
; APPLICANT: Ma, Chuanguang
; TITLE OF INVENTION: CELL CULTURE SYSTEM AND METHODS OF USE
; FILE REFERENCE: 290.00300101
; CURRENT APPLICATION NUMBER: US/10/319,221
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-319-221-3

Query Match      0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      646 GTGGAGGTGAATGGCAGCAA 665
Db      2 GTGGAGGTGAGTGGCAGCAA 21

RESULT 499
US-10-110-707A-53
; Sequence 53, Application US/10110707A
; Publication No. US20040106109A1
; GENERAL INFORMATION:
; APPLICANT: Ortho Clinical Diagnostics, Inc.
; APPLICANT: Belly, Robert
; APPLICANT: Todd, Alison
; APPLICANT: Fuery, Caroline
; TITLE OF INVENTION: Detection of RAS Mutations
; FILE REFERENCE: CDS-247
; CURRENT APPLICATION NUMBER: US/10/110,707A
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: PCT/US01/42422
; PRIOR FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 24
; TYPE: DNA

```


Publication No. US20030036110A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT
BOSMAN FONS
DE MARTYNOFF, GUY
BUYSE, MARIE-ANGIE
TITLE OF INVENTION: PURIFIED HEPATITIS C VIRUS ENVELOPE
PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,303
FILING DATE: 06-Jul-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/612,973
FILING DATE: 11-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1487-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-09-899-303-106
Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2164 GCCCACCAGCAGTGGGGCTC 2186
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1
RESULT 504
US-09-995-808-106/c
Sequence 106, Application US/09995808
Publication No. US20030095980A1
GENERAL INFORMATION:
APPLICANT: Innogenetics N.V.
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and
therapeutic use.
FILE REFERENCE: 2551-70
CURRENT APPLICATION NUMBER: US/09/995,808
CURRENT FILING DATE: 2001-11-29
SOFTWARE: PatentIn 3.1
NUMBER OF SEQ ID NOS: 122
SEQ ID NO 106
LENGTH: 23
TYPE: DNA
ORGANISM: Hepatitis C virus
US-09-995-808-106

US-09-995-808-106
Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2164 GCCCACCAGCAGTGGGGCTC 2186
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1
RESULT 505
US-09-995-860-106/c
Sequence 106, Application US/09995860
Publication No. US20030118603A1
GENERAL INFORMATION:
APPLICANT: Innogenetics N.V.
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and
therapeutic use.
FILE REFERENCE: 2551-69
CURRENT APPLICATION NUMBER: US/09/995,860
CURRENT FILING DATE: 2001-11-29
NUMBER OF SEQ ID NOS: 122
SOFTWARE: PatentIn 3.1
SEQ ID NO 106
LENGTH: 23
TYPE: DNA
ORGANISM: Hepatitis C virus
US-09-995-860-106
Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2164 GCCCACCAGCAGTGGGGCTC 2186
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1
RESULT 506
US-09-995-791-106/c
Sequence 106, Application US/09995791
Publication No. US20030147918A1
GENERAL INFORMATION:
APPLICANT: Innogenetics N.V.
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and
therapeutic use.
FILE REFERENCE: 2551-68
CURRENT APPLICATION NUMBER: US/09/995,791
CURRENT FILING DATE: 2001-11-29
NUMBER OF SEQ ID NOS: 122
SOFTWARE: PatentIn 3.1
SEQ ID NO 106
LENGTH: 23
TYPE: DNA
ORGANISM: Hepatitis C virus
US-09-995-791-106
Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2164 GCCCACCAGCAGTGGGGCTC 2186
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1
RESULT 507
US-10-357-488-34/c
Sequence 34, Application US/10357488
Publication No. US20030194730A1
GENERAL INFORMATION:
APPLICANT: Centre For DNA Fingerprinting and Diagnostics

```
; TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; PRIOR FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-34

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2309 GCTTGTGCTGTGTGTGTGTG 2331
Db 23 GCTGTGCATGTGTGTGTGTG 1

RESULT 508
US-10-649-413-6/c
; Sequence 6, Application US/10649413
; Publication No. US20040067885A1
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Bange, Johannes
; APPLICANT: Kovazev, Pjotr
; TITLE OF INVENTION: Use of inhibitors for the treatment of RTK-hyperfunction-induced
; TITLE OF INVENTION: disorders, particularly cancer
; FILE REFERENCE: 205884
; CURRENT APPLICATION NUMBER: US/10/649,413
; CURRENT FILING DATE: 2003-08-27
; PRIOR APPLICATION NUMBER: PCT/EP99/00405
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: DE 198 02 377.4
; PRIOR FILING DATE: 1998-01-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for the amplification of the transmembrane domain of R
; OTHER INFORMATION: (wild-type and mutant)
US-10-649-413-6

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1009 CACAAGATCTCCGCTTCCGCT 1031
Db 23 CAGAAGCTCTCCCTCTTCCCTCT 1

RESULT 509
US-10-321-798-106/c
; Sequence 106, Application US/10321798
; Publication No. US20040126395A1
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and
; TITLE OF INVENTION: therapeutic use.
; FILE REFERENCE: 2551-93
```

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; CURRENT APPLICATION NUMBER: US/10/321,798
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: 60/418,358
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: 10/020,510
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn 3.1
; SEQ ID NO 106
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; OTHER INFORMATION:
US-10-321-798-106

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GCCCACCACGACGAGTGGGGCTC 2186
Db 23 GCGTACCCACGACGCGGGAGCTC 1

RESULT 510
US-09-888-326-85
; Sequence 85, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-85

Query Match      0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATAT 2841
Db 1 ATATATATATATATATATAT 18

RESULT 511
US-09-888-326-85/c
; Sequence 85, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
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; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 817
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-817

Query Match 0.4%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGGGTGTG 2339
DB 19 TGTGTGTGTGGGTGTG 2

RESULT 515
US-09-967-655-59/c
; Sequence 59, Application US/09967655
; Publication No. US20030092649A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-59

Query Match 0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1584 GGCATGGAGTACTTGGC 1601
DB 19 GGCATGGAGTCTTGGC 2

RESULT 516
US-09-961-001-59/c
; Sequence 59, Application US/09961001
; Publication No. US20030109468A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
; FILE REFERENCE: RTS-0280
; CURRENT APPLICATION NUMBER: US/09/961,001
; CURRENT FILING DATE: 2001-09-20
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-59

Query Match 0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1672 ATCGCAGACTTCGGGTG 1689
DB 20 ATCAGACTTCGGGTG 3

RESULT 517
US-10-671-395-1098/c
; Sequence 1098, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSONAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1098
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1098

Query Match 0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTG 2333
DB 18 TCGGTGTGTGTGTGTG 1

RESULT 518
US-09-232-785-5/c
; Sequence 5, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Eght, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E188US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5

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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-5
    Query Match      0.4%; Score 16.4; DB 1; Length 21;
    Best Local Similarity 94.4%; Pred. No. 4.6e+02;
    Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3575 AAAGCTTGGAGGAAGCC 3592
Db 18 AAAGCTTGGAGGAAGCC 1

RESULT 519
US-10-371-961-28/c
; Sequence 28, Application US/10371961
; Publication No. US20030181695A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Vascular Inflammation
; TITLE OF INVENTION: Pathology By Multiple Administration Of Chimeric
; FILE REFERENCE: 0975.1005-033
; CURRENT APPLICATION NUMBER: US/10/371,961
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
US-10-371-961-28

    Query Match      0.4%; Score 16.4; DB 1; Length 21;
    Best Local Similarity 94.4%; Pred. No. 4.6e+02;
    Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCGACACCTGCAA 2

RESULT 520
US-10-371-443-28/c
; Sequence 28, Application US/10379866
; Publication No. US20030198641A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT APPLICATION NUMBER: US/10/379,866
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119

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; Sequence 28, Application US/10371443
; Publication No. US20030198634A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Joint Inflammation
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-031
; CURRENT APPLICATION NUMBER: US/10/371,443
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
US-10-371-443-28

    Query Match      0.4%; Score 16.4; DB 1; Length 21;
    Best Local Similarity 94.4%; Pred. No. 4.6e+02;
    Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCGACACCTGCAA 2

RESULT 521
US-10-379-866-28/c
; Sequence 28, Application US/10379866
; Publication No. US20030198641A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT APPLICATION NUMBER: US/10/379,866
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119

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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
; US-10-379-866-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAG 1523
Db 19 CTCCTTCACACCTGCAG 2

RESULT 523
US-10-452-510-205
; Sequence 205, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 205
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-452-510-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGCTGG 514
Db 1 ACACGCTGGCGCTGG 18

RESULT 524
US-10-617-334-205
; Sequence 205, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
; US-10-379-866-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAG 1523
Db 19 CTCCTTCACACCTGCAG 2

RESULT 522
US-10-371-962-28/c
; Sequence 28, Application US/10371962
; Publication No. US20030204066A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghraieeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Psoriatic Arthritis
; FILE REFERENCE: 0975.1005-032
; CURRENT APPLICATION NUMBER: US/10/371,962
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
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; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: Patentin 3.0
; SEQ ID NO 205
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGCTGG 514
Db 1 ACACGCTGGCGTGG 18

RESULT 525
US-10-665-971-28/c
; Sequence 28, Application US/10665971
; Publication No. US20040115200A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Neurodegenerative Inflammation with
; TITLE OF INVENTION: Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-036
; CURRENT APPLICATION NUMBER: US/10/665,971
; PRIOR FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671

US-10-665-971-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCGACACCTGCAA 2

RESULT 526
US-10-745-377-119
; Sequence 119, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 119
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-119

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGCTGG 514
Db 1 ACACGCTGGCGTGG 18

RESULT 527
US-10-774-118-28/c
; Sequence 28, Application US/10774118
; Publication No. US20040138427A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-038
; CURRENT APPLICATION NUMBER: US/10/774,118
; PRIOR FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: US 09/756,301
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799
PRIOR FILING DATE: 1994-10-18
PRIOR APPLICATION NUMBER: U.S. 08/192,102
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,861
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/192,093
PRIOR FILING DATE: 1994-02-04
PRIOR APPLICATION NUMBER: U.S. 08/010,406
PRIOR FILING DATE: 1993-01-29
PRIOR APPLICATION NUMBER: U.S. 08/013,413
PRIOR FILING DATE: 1993-02-02
PRIOR APPLICATION NUMBER: U.S. 07/943,852
PRIOR FILING DATE: 1992-09-11
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 28
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Partial sequence of PLC671
US-10-774-118-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACTGCAA 1523
|||
Db 19 CTCCTTCACACCTGCAA 2

RESULT 528
US-10-744-465-205
Sequence 205, Application US/10744465
Publication No. US20040157250A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
CURRENT APPLICATION NUMBER: US/10/744,465
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 205
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-744-465-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGTGCTGG 514
|||
Db 1 ACACGCTGGGCGTGTGG 18

RESULT 529
US-10-833-679-205
Sequence 205, Application US/10833679
Publication No. US20040185508A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
CURRENT APPLICATION NUMBER: US/10/833,679
CURRENT FILING DATE: 2004-04-28
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR FILING DATE: 2003-06-02
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: PatentIn 3.0
SEQ ID NO 205
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-833-679-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGTGCTGG 514
|||
Db 1 ACACGCTGGGCGTGTGG 18

RESULT 530
US-09-144-886-15
Sequence 15, Application US/09144886
Patent No. US20020155114A1
GENERAL INFORMATION:
APPLICANT: Marks, James D
APPLICANT: Amersdorfer, Peter
TITLE OF INVENTION: Therapeutic Monoclonal Antibodies That Neutralize
FILE OF INVENTION: Botulinum Neurotoxins
FILE REFERENCE: 2500.117USO
CURRENT APPLICATION NUMBER: US/09/144,886
CURRENT FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 15
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: mouse VH7 back
OTHER INFORMATION: primer
US-09-144-886-15

Query Match 0.4%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 5.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGCTG 874

```
Db      1  GARGTGAAGCTGGTGGARTCTG 22
||:| | ||||| |||: |||
RESULT 531
US-10-632-706-13
; Sequence 13, Application US/10632706
; Publication No. US20040175385A1
; GENERAL INFORMATION:
; APPLICANT: MARKS, JAMES D.
; APPLICANT: AMERSDORFER, PETER
; TITLE OF INVENTION: THERAPEUTIC MONOCLONAL ANTIBODIES THAT NEUTRALIZE BOTULINUM
; FILE REFERENCE: 407T-895120US
; CURRENT APPLICATION NUMBER: US/10/632,706
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: US 60/400,721
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/144,806
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-10-632-706-13
Query Match      0.4%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 5.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGAGCTGGTGGAGGCTG 874
||:| | ||||| |||: |||
Db      1  GARGTGAAGCTGGTGGARTCTG 22
||:| | ||||| |||: |||
RESULT 532
US-10-085-906-21/c
; Sequence 21, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-21
Query Match      0.4%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2835  TATATATTAACATATAT 2852
||| ||||| ||||| |||
Db      24  TATATATTAACATATAT 7
||| ||||| ||||| |||
RESULT 533
US-10-085-906-363/c
; Sequence 363, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 363
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-363
Query Match      0.4%; Score 16.4; DB 1; Length 27;
Best Local Similarity 76.9%; Pred. No. 6e+02;
Matches 20; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2814  TGTATATGCTATATACATATAT 2839
||| ||||| ||||| |||
Db      26  TATATATTTATATATGTATATAT 1
||| ||||| ||||| |||
RESULT 534
US-10-085-906-147/c
; Sequence 147, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-147
Query Match      0.4%; Score 16.4; DB 1; Length 28;
Best Local Similarity 76.9%; Pred. No. 6.2e+02;
Matches 20; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      3461  TTTATATATCTATATATATTT 3486
||| ||||| ||||| |||
Db      27  TTTTATTTATTTATTTATTTT 2
||| ||||| ||||| |||
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; APPLICANT: Staudt, Louis M.
; APPLICANT: Barry, Todd S.
; APPLICANT: Rosenwald, Andreas
; APPLICANT: Wiesner, Adrian
; APPLICANT: Wilson, Wyndham
; TITLE OF INVENTION: ZAP70 PROTEIN EXPRESSION AS A MARKER FOR CHRONIC LYMPHOCYTIC LEUK
; TITLE OF INVENTION: SMALL LYMPHOCYTIC LYMPHOMA
; FILE REFERENCE: 4239-62785
; CURRENT APPLICATION NUMBER: US/10/309,548
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US 60/375,966
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-10-309-548-18

Query Match      0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      854  AGCAGGAGCTGGTGGAGGCTG 874
Db      1  AGGTGACGCTGGTGGAGTCTG 21

RESULT 540
US-10-648-593-557/c
; Sequence 557, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 557
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide.
US-10-648-593-557

Query Match      0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      448  AACTACACCTGCGTGGTGGAG 468
Db      21  AACTACACCTTCACCTGGAG 1

RESULT 541
US-10-786-720-11536/c
; Sequence 11536, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12985
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-786-720-12985

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; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11536
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11536

Query Match      0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2321 GTGTGTGTGTGTGTGTGTGTG 2341
Db      21  GCGCGTGTGTGTGTGTGTGTG 1

RESULT 542
US-10-786-720-11664
; Sequence 11664, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11664
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-11664

Query Match      0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 4.9e+02;
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      2342 TGTGTGTGTGTGTGTGTGTGTG 2362
Db      1  UGUGUGUGUGACAGCGCUU 21

RESULT 543
US-10-786-720-12985
; Sequence 12985, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12985
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12985

Query Match      0.4%; Score 16.2; DB 1; Length 21;

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Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2101 GACACCCCGCTCCAGCTCC 2121
Db 1 GAGACTCCAGCTCCAGCTCC 21

RESULT 544
US-10-786-720-17098/c
; Sequence 17098, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17098
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17098

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2329 GTGTGTCGTGTGTGTGTG 2349
Db 21 GTGTGTCGTGTGTGTGTG 1

RESULT 545
US-10-786-720-17101/c
; Sequence 17101, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17101
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17101

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2327 GTGTGTCGTGTGTGTGTG 2347
Db 21 GTGTGTCGTGTGTGTGTG 1

RESULT 546
US-10-786-720-17104/c
; Sequence 17104, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17104
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17104

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2325 GTGTGTCGTGTGTGTGTG 2345
Db 21 GTGTGTCGTGTGTGTGTG 1

RESULT 547
US-10-786-720-17614/c
; Sequence 17614, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17614
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17614

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTGCA 2353
Db 21 GCTTGTGTGTGTGTGTGTA 1

RESULT 548
US-10-786-720-18283/c
; Sequence 18283, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18283
; LENGTH: 21
; TYPE: DNA
```



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; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/166,410
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-988-115A-11

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 AGGAGGAGCTGGTGGAGGCTG 874
||| ||||| ||||| |||||
Db 2 AGGTGCAGCTGGTGGAGTCTG 22

RESULT 558
US-09-988-115A-17
; Sequence 17, Application US/09988115A
; Publication No. US20030037347A1
; GENERAL INFORMATION:
; APPLICANT: Robl, James M.
; APPLICANT: Goldsby, Richard A.
; APPLICANT: Ferguson, Stacy E.
; APPLICANT: Kuroiwa, Yoshima
; APPLICANT: Tomizuka, Kazuma
; APPLICANT: Ishida, Isaac
; TITLE OF INVENTION: Expression of Xenogenous (Human)
; FILE REFERENCE: 50195/008003
; CURRENT APPLICATION NUMBER: US/09/988,115A
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,625
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: US 60/256,458
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/714,185
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/166,410
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-988-115A-17

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 AGGAGGAGCTGGTGGAGGCTG 874
||| ||||| ||||| |||||
Db 2 AGGTGCAGCTGGTGGAGTCTG 22

RESULT 559
US-09-988-115A-24
; Sequence 24, Application US/09988115A
; Publication No. US20030037347A1
; GENERAL INFORMATION:
; APPLICANT: Robl, James M.
; APPLICANT: Goldsby, Richard A.
; APPLICANT: Ferguson, Stacy E.
```

```
; APPLICANT: Kuroiwa, Yoshima
; APPLICANT: Tomizuka, Kazuma
; APPLICANT: Ishida, Isaac
; TITLE OF INVENTION: Expression of Xenogenous (Human)
; TITLE OF INVENTION: Immunoglobulins in Cloned, Transgenic Ungulates
; FILE REFERENCE: 50195/008003
; CURRENT APPLICATION NUMBER: US/09/988,115A
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,625
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: US 60/256,458
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/714,185
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/166,410
; PRIOR FILING DATE: 1999-11-19
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-988-115A-24

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 AGGAGGAGCTGGTGGAGGCTG 874
||| ||||| ||||| |||||
Db 2 AGGTGCAGCTGGTGGAGTCTG 22

RESULT 560
US-10-232-563-20
; Sequence 20, Application US/10232563
; Publication No. US20030087394A1
; GENERAL INFORMATION:
; APPLICANT: Sharma, Arun
; TITLE OF INVENTION: INSULIN RELATED TRANSCRIPTION FACTOR AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 10276-072001
; CURRENT APPLICATION NUMBER: US/10/232,563
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/316,453
; PRIOR FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-232-563-20

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2103 CACCCCGAGCTCGAGCTCCTC 2123
||| ||||| ||||| |||||
Db 3 CACCTCCAGCTTCAGCTGCTC 23

RESULT 561
US-10-388-578-41
; Sequence 41, Application US/10388578
; Publication No. US20030224411A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
```

```
; APPLICANT: Stanton, Lawrence
; APPLICANT: Ralph, Brandenberger
; APPLICANT: Joseph, Gold D.
; APPLICANT: John, Irving
; APPLICANT: Mandalam, Ramkumar
; APPLICANT: Mok, Michael
; APPLICANT: Shelton, Dawne
; TITLE OF INVENTION: Genes that are Up- or Down-Regulated During Differentiation of Hu
; FILE REFERENCE: 135/001
; CURRENT APPLICATION NUMBER: US/10/388,578
; CURRENT FILING DATE: 2003-03-13
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: Custom
; SEQ ID NO 41
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-578-41

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 985 AAAGGCTGGCTCCGCCACC 1005
Db 3 AAAGGCTGGCTACGCCTCC 23

RESULT 562
US-10-389-431-41
; Sequence 41, Application US/10389431
; Publication No. US20040180347A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Stanton, Lawrence
; APPLICANT: Ralph, Brandenberger
; APPLICANT: Joseph, Gold D.
; APPLICANT: John, Irving
; APPLICANT: Mandalam, Ramkumar
; APPLICANT: Mok, Michael
; TITLE OF INVENTION: A Marker System for Preparing and Characterizing High-Quality Hum
; FILE REFERENCE: 135/002
; CURRENT APPLICATION NUMBER: US/10/389,431
; CURRENT FILING DATE: 2003-03-13
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-389-431-41

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 985 AAAGGCTGGCTCCGCCACC 1005
Db 3 AAAGGCTGGCTACGCCTCC 23

RESULT 563
US-09-263-959-541
; Sequence 541, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
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; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 541:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-541

Query Match          0.4%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2825 TATATACATATATATA 2840
Db 1 TATATACATATATATA 16

RESULT 564
US-09-263-959-544/c
; Sequence 544, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
```

INFORMATION FOR SEQ ID NO: 544:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-263-959-544

Query Match 0.4%; Score 16; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 3.9e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATATACATATATA 2838
 Db 16 TATATATACATATATA 1

RESULT 565

US-10-092-885-27
 Sequence 27, Application US/10092885
 Publication No. US20030190618A1
 GENERAL INFORMATION:
 APPLICANT: SAWAL, BABRU
 APPLICANT: LI, YUAN
 APPLICANT: HERMIDA, LEANDRO C.
 APPLICANT: HOPPA, NANCY L.
 APPLICANT: JOHE, KARL K.
 TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
 TITLE OF INVENTION: LIBRARIES OF CDNAS
 FILE REFERENCE: 0109015/026
 CURRENT APPLICATION NUMBER: US/10/092,885
 CURRENT FILING DATE: 2002-03-06
 NUMBER OF SEQ ID NOS: 60
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 27
 LENGTH: 16
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-092-885-27

Query Match 0.4%; Score 16; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 3.9e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350
 Db 1 GTGTGTGTGTGTGTGT 16

RESULT 566

US-10-138-674-6068
 Sequence 6068, Application US/10138674
 Publication No. US20040077585A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 FILE REFERENCE: MBHB00-876-N (400/049)
 CURRENT APPLICATION NUMBER: US/10/138,674
 CURRENT FILING DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 20822
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 6068
 LENGTH: 16
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-138-674-6068

Query Match 0.4%; Score 16; DB 1; Length 16;

Best Local Similarity 50.0%; Pred. No. 3.9e+02;
 Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGT 2332
 Db 1 CUGUGUGUGUGUGUGU 16

RESULT 567

US-10-138-674-6069
 Sequence 6069, Application US/10138674
 Publication No. US20040077565A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 FILE REFERENCE: MBHB00-876-N (400/049)
 CURRENT APPLICATION NUMBER: US/10/138,674
 CURRENT FILING DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 20822
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 6069
 LENGTH: 16
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-138-674-6069

Query Match 0.4%; Score 16; DB 1; Length 16;
 Best Local Similarity 50.0%; Pred. No. 3.9e+02;
 Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350
 Db 1 GUGUGUGUGUGUGUGU 16

RESULT 568

US-10-287-949A-6068
 Sequence 6068, Application US/10287949A
 Publication No. US20040102389A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 FILE REFERENCE: MBHB00-876-N (400/049)
 CURRENT APPLICATION NUMBER: US/10/287,949A
 CURRENT FILING DATE: 2003-04-11
 NUMBER OF SEQ ID NOS: 20822
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 6068
 LENGTH: 16
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-287-949A-6068

Query Match 0.4%; Score 16; DB 1; Length 16;
 Best Local Similarity 50.0%; Pred. No. 3.9e+02;
 Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGT 2332
 Db 1 CUGUGUGUGUGUGUGU 16

RESULT 569

US-10-287-949A-6069
; Sequence 6069, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH900-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6069
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6069

Query Match 0.4%; Score 16; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 3.9e+02;
Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350
|:|:|:|:|:|:|:
Db 1 GUGUGUGUGUGUGU 16

RESULT 570
US-09-263-959-557
; Sequence 557, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 557:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-557

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGT 2333
|:|:|:|:|:|:|:
Db 1 TGTGTGTGTGTGTGT 16

RESULT 571
US-09-263-959-705
; Sequence 705, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 705:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-705

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGT 2333
|:|:|:|:|:|:|:
Db 1 TGTGTGTGTGTGTGT 16

RESULT 572
US-09-263-959-970
; Sequence 970, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
US-09-263-959-970

COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 03-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 970:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-970

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
DB 1 TGTGTGTGTGTGTG 16

RESULT 573
US-09-958-221A-16
; Sequence 16, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-16

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
DB 2 TGTGTGTGTGTGTG 17

RESULT 574
US-09-958-221A-17
; Sequence 17, Application US/09958221A
; Publication No. US20030017471A1

GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-17

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
DB 2 TGTGTGTGTGTGTG 17

RESULT 575
US-09-958-221A-19/c
; Sequence 19, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-19

Query Match 0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
DB 17 TGTGTGTGTGTGTG 2

RESULT 576
US-09-958-221A-21/c
; Sequence 21, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; APPLICANT: Haeringen van, Hendrik
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64

```
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-21

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 17 TGTGTGTGTGTGTGTG 2

RESULT 577
US-10-138-674-8984
; Sequence 8984, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8984
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8984

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.2e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1796 AGAGTGACGCTGTGTC 1811
Db 1 AGAGUGACGUCUGGUC 16

RESULT 578
US-10-287-949A-8984
; Sequence 8984, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8984
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8984

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.2e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1796 AGAGTGACGCTGTGTC 1811
Db 1 AGAGUGACGUCUGGUC 16

RESULT 579
US-10-763-992-15
; Sequence 15, Application US/10763992
; Publication No. US20040121397A1
; GENERAL INFORMATION:
; APPLICANT: COHEN, Maurice
; APPLICANT: FRIEDMAN, Paula N.
; APPLICANT: GORDON, Julian N.
; APPLICANT: HODGES, Steven C.
; APPLICANT: KLASS, Michael R.
; APPLICANT: KRATOCHVIL, Jon D.
; APPLICANT: ROBERTS-RAPP, Lisa
; APPLICANT: RUSSELL, John C.
; APPLICANT: STROUPE, Steven D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/763,992
; FILING DATE: 22-Jan-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/418,887
; FILING DATE: 15-OCT-1999
; APPLICATION NUMBER: US/08/946,869
; FILING DATE: 08-Oct-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 5697, US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-10-763-992-15

Query Match          0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
```

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TGGCTGGTGGTCTGC 847
 Db 3 TGGCTGGTGGTCTGC 18

RESULT 580
 US-09-918-186A-235
 ; Sequence 235, Application US/09918186A
 ; Patent No. US20020137708A1
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Elizabeth J. Ackermann
 ; APPLICANT: Eric E. Swayze
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
 ; FILE REFERENCE: ISPH-0585
 ; CURRENT APPLICATION NUMBER: US/09/918,186A
 ; CURRENT FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 09/496,694
 ; PRIOR FILING DATE: 2000-02-02
 ; PRIOR APPLICATION NUMBER: 09/286,407
 ; PRIOR FILING DATE: 1999-04-05
 ; PRIOR APPLICATION NUMBER: 09/163,162
 ; PRIOR FILING DATE: 1998-09-29
 ; NUMBER OF SEQ ID NOS: 250
 ; SEQ ID NO 235
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-918-186A-235

Query Match 0.4%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2830 ACATATATATATATA 2845
 Db 1 ACATATATATATATA 16

RESULT 581
 US-10-357-488-26
 ; Sequence 26, Application US/10357488
 ; Publication No. US20030194730A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
 ; TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method
 ; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
 ; TITLE OF INVENTION: varieties.
 ; FILE REFERENCE: 782-indian
 ; CURRENT APPLICATION NUMBER: US/10/357,488
 ; CURRENT FILING DATE: 2003-02-04
 ; PRIOR APPLICATION NUMBER: 260/WAS/2002
 ; PRIOR FILING DATE: 2002-04-08
 ; NUMBER OF SEQ ID NOS: 37
 ; SOFTWARE: Patent in version 3.1
 ; SEQ ID NO 26
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
 US-10-357-488-26

Query Match 0.4%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350

Db 1 GTGTGTGTGTGTGTGT 16

RESULT 582
 US-10-181-316-235
 ; Sequence 235, Application US/10181316
 ; Publication No. US20030211607A1
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Elizabeth J. Ackermann
 ; APPLICANT: Eric E. Swayze
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
 ; FILE REFERENCE: ISPH-0650
 ; CURRENT APPLICATION NUMBER: US/10/181,316
 ; CURRENT FILING DATE: 2002-07-16
 ; PRIOR APPLICATION NUMBER: PCT/US01/02939
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: 09/496,694
 ; PRIOR FILING DATE: 2000-02-02
 ; PRIOR APPLICATION NUMBER: 09/286,407
 ; PRIOR FILING DATE: 1999-04-05
 ; PRIOR APPLICATION NUMBER: 09/163,162
 ; PRIOR FILING DATE: 1998-09-29
 ; NUMBER OF SEQ ID NOS: 249
 ; SEQ ID NO 235
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-181-316-235

Query Match 0.4%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2830 ACATATATATATATA 2845
 Db 1 ACATATATATATATA 16

RESULT 583
 US-10-467-008-110/c
 ; Sequence 110, Application US/10467008
 ; Publication No. US20040116366A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Isis Pharmaceuticals, Inc.
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Jacqueline Wyatt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT BI
 ; TITLE OF INVENTION: EXPRESSION
 ; FILE REFERENCE: ISPH-0746
 ; CURRENT APPLICATION NUMBER: US/10/467,008
 ; CURRENT FILING DATE: 2003-08-01
 ; PRIOR APPLICATION NUMBER: PCT/US02/02805
 ; PRIOR FILING DATE: 2002-01-31
 ; PRIOR APPLICATION NUMBER: US 09/780,045
 ; PRIOR FILING DATE: 2001-02-09
 ; NUMBER OF SEQ ID NOS: 135
 ; SEQ ID NO 110
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-467-008-110

Query Match 0.4%; Score 16; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 5e+02;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATATACATATATA 2838
Db 16 TATATATACATATATA 1

RESULT 584

US-10-763-992-20/c
; Sequence 20, Application US/10763992
; Publication No. US20040121397A1
; GENERAL INFORMATION:

APPLICANT: COHEN, Maurice
; FRIEDMAN, Paula N.
; GORDON, Julian
; HODGES, Steven C.
; KLASS, Michael R.
; KRATOCHVIL, Jon D.
; ROBERTS-RAPP, Lisa
; RUSSELL, John C.
; STROUPE, Steven D.

TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE PROSTATE

NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL

COUNTRY: USA

ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/763,992

FILING DATE: 22-Jan-2004

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/418,887

FILING DATE: 15-OCT-1999

APPLICATION NUMBER: US/08/946,869

FILING DATE: 08-Oct-1997

ATTORNEY/AGENT INFORMATION:

NAME: Becker, Cheryl L.

REGISTRATION NUMBER: 35,441

REFERENCE/DOCKET NUMBER: 5697.US.P1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 847/935-1729

TELEFAX: 847/938-2623

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US-10-763-992-20

Query Match 0.4%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TGGCTGGTGGTGTGC 847
Db 16 TGGCTGGTGGTGTGC 1

RESULT 585

US-10-671-395-1374/c
; Sequence 1374, Application US/10671395
; Publication No. US20040132063A1

GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-1374

Query Match 0.4%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 20 TGTGTGTGTGTGTG 5

RESULT 586

US-10-671-395-1427/c
; Sequence 1427, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1427

LENGTH: 20

TYPE: DNA

ORGANISM: artificial

FEATURE:

OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1427

Query Match 0.4%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350
Db 20 GTGTGTGTGTGTGT 5

RESULT 587

US-10-087-229-1
; Sequence 1, Application US/10087229
; Publication No. US20030162184A1
; GENERAL INFORMATION:

APPLICANT: Chou, Quin

APPLICANT: Cabradilla, Cirilo D.

TITLE OF INVENTION: Methods of Using FET Labeled

TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant

TITLE OF INVENTION: Quencher Domain and Compositions for Practicing the Same

FILE REFERENCE: BIOS-001

;/ CURRENT APPLICATION NUMBER: US/10/087,229
;/ CURRENT FILING DATE: 2002-02-27
;/ NUMBER OF SEQ ID NOS: 22
;/ SOFTWARE: FastSeq for Windows Version 4.0
;/ SEQ ID NO 1
;/ LENGTH: 21
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: synthetic oligonucleotide
US-10-087-229-1

Query Match 0.4%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1873 GTGGAGGAGCTCTTCA 1888
Db 5 GTGGAGGAGCTCTTCA 20

RESULT 588
US-10-222-943A-1
;/ Sequence 1, Application US/10222943A
;/ Publication No. US20030165920A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Chou, Quin
;/ APPLICANT: Cabradilla JR, Cirilo D.
;/ TITLE OF INVENTION: Methods of Using FET Labeled
;/ TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant
;/ TITLE OF INVENTION: Quencher Domain and Compositions for Practicing the Same
;/ FILE REFERENCE: BIOS-001CIP
;/ CURRENT APPLICATION NUMBER: US/10/222,943A
;/ CURRENT FILING DATE: 2002-08-15
;/ PRIOR APPLICATION NUMBER: 10/087,229
;/ PRIOR FILING DATE: 2002-02-27
;/ NUMBER OF SEQ ID NOS: 25
;/ SOFTWARE: FastSeq for Windows Version 4.0
;/ SEQ ID NO 1
;/ LENGTH: 21
;/ TYPE: DNA
;/ ORGANISM: human
US-10-222-943A-1

Query Match 0.4%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1873 GTGGAGGAGCTCTTCA 1888
Db 5 GTGGAGGAGCTCTTCA 20

RESULT 589
US-10-786-720-11540/c
;/ Sequence 11540, Application US/10786720
;/ Publication No. US20040191818A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Wyeth
;/ APPLICANT: O'Toole, Margot
;/ APPLICANT: Liu, Wei
;/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;/ TITLE OF INVENTION: DISEASES
;/ FILE REFERENCE: 031896-023000 (AM101331L)
;/ CURRENT APPLICATION NUMBER: US/10/786,720
;/ CURRENT FILING DATE: 2004-02-26
;/ NUMBER OF SEQ ID NOS: 21135
;/ SOFTWARE: PatentIn version 3.2
;/ SEQ ID NO 11540
;/ LENGTH: 21
;/ TYPE: RNA
;/ ORGANISM: RNai-sense strand
US-10-786-720-11540

Query Match 0.4%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTGTG 1

RESULT 590
US-10-786-720-11541
;/ Sequence 11541, Application US/10786720
;/ Publication No. US20040191818A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Wyeth
;/ APPLICANT: O'Toole, Margot
;/ APPLICANT: Liu, Wei
;/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
;/ TITLE OF INVENTION: DISEASES
;/ FILE REFERENCE: 031896-023000 (AM101331L)
;/ CURRENT APPLICATION NUMBER: US/10/786,720
;/ CURRENT FILING DATE: 2004-02-26
;/ NUMBER OF SEQ ID NOS: 21135
;/ SOFTWARE: PatentIn version 3.2
;/ SEQ ID NO 11541
;/ LENGTH: 21
;/ TYPE: RNA
;/ ORGANISM: RNai-antisense strand
US-10-786-720-11541

Query Match 0.4%; Score 16; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 5.3e+02;
Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 4 UGUGUGUGUGUGUGUG 19

RESULT 591
US-10-357-935-30
;/ Sequence 30, Application US/10357935
;/ Publication No. US20030165958A1
;/ GENERAL INFORMATION:
;/ APPLICANT: HARDY, John Anthony
;/ APPLICANT: GOATE, Alison Mary
;/ APPLICANT: MULLAN, Michael John
;/ APPLICANT: CHARTIER-HARLIN, Marie-Christine
;/ APPLICANT: OWEN, Michael John
;/ TITLE OF INVENTION: Test and Model for Alzheimer's Disease
;/ NUMBER OF SEQUENCES: 44
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Townsend and Townsend Khourie and Crew
;/ STREET: 379 Lytton Avenue
;/ CITY: Palo Alto
;/ STATE: California
;/ COUNTRY: US
;/ ZIP: 94301
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy Disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/10/357,935
;/ FILING DATE: 03-Feb-2003
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/464,250
;/ FILING DATE: 05-Jun-1995
;/ APPLICATION NUMBER: 08/104,165
;/ FILING DATE: 21-JAN-1992
;/ APPLICATION NUMBER: 9101307.8

; FILING DATE: 21-JAN-1991
; APPLICATION NUMBER: 9118445.7
; FILING DATE: 28-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 16163-000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (Primer)
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-357-935-30

Query Match 0.4%; Score 16; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3365 AAATTCCTCTAATGTC 3380
|||||
DB 6 AAATTCCTCTAATGTC 21

RESULT 592
US-09-725-265-5
; Sequence 5, Application US/09725265
; Publication No. US20010000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-5

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497
|||||
DB 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 593
US-09-725-265-8
; Sequence 8, Application US/09725265

; Publication No. US20010000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-8

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497
|||||
DB 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 594
US-09-891-517-6
; Sequence 6, Application US/09891517
; Patent No. US20020108653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS (C
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA (C
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-6

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02; Indels 5; Gaps 0; Mismatches 0;
Matches 19; Conservative 0;
QY 3474 ATATATATAATTATTATGAGTTTTT 3497
Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 595
US-09-891-517-8
; Sequence 8, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-8

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3474 ATATATATAATTATTATGAGTTTTT 3497
Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 596
US-10-209-608-5
; Sequence 5, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-5

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3474 ATATATATAATTATTATGAGTTTTT 3497
Db 1 ATATATATTTTTTTTGTGTTTTT 24

PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-5

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3474 ATATATATAATTATTATGAGTTTTT 3497
Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 597
US-10-209-608-8
; Sequence 8, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-8

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3474 ATATATATAATTATTATGAGTTTTT 3497
Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 598
US-10-683-386-5
; Sequence 5, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA

APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-5

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3474 ATATATATATTTTATGAGTTT 3497
DB 1 ATATATATTTTGTGTTTTT 24

RESULT 599
US-10-683-386-8
Sequence 8, Application US/10683386
Publication No. US20040063137A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 0163-0758-0X
CURRENT APPLICATION NUMBER: US/10/683,386
CURRENT FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US/09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-8

Query Match 0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3474 ATATATATATTTTATGAGTTT 3497
DB 1 ATATATATTTTGTGTTTTT 24

RESULT 600
US-10-418-182-65
Sequence 65, Application US/10418182
Publication No. US20030228302A1
GENERAL INFORMATION:
APPLICANT: Crea, Roberto
TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
FILE REFERENCE: 1551.2001-001
CURRENT APPLICATION NUMBER: US/10/418,182
CURRENT FILING DATE: 2003-04-16
PRIOR APPLICATION NUMBER: 60/373,558
PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 36
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-65

Query Match 0.4%; Score 16; DB 1; Length 36;
Best Local Similarity 79.2%; Pred. No. 8.9e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3262 TATTTTATTTGCTTTCCTTTT 3285
DB 1 TTTTTCCTTTTCTTTTCTTTT 24

RESULT 601
US-10-219-195-36
Sequence 36, Application US/10219195
Publication No. US20030165917A1
GENERAL INFORMATION:
APPLICANT: ULLMAN, EDWIN
APPLICANT: WU, MING
APPLICANT: LIU, YEN PING
TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
FILE REFERENCE: 3817.05-1
CURRENT APPLICATION NUMBER: US/10/219,195
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: 60/312,505
PRIOR FILING DATE: 2001-08-14
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 39
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-219-195-36

Query Match 0.4%; Score 16; DB 1; Length 39;
Best Local Similarity 68.8%; Pred. No. 9.5e+02;
Matches 22; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 3262 TATTTTATTTGCTTTCCTTTTTCAGGAGAA 3293
DB 3 TTTTTCCTTTTCTTTTTCCTTTTTCAGGAGCA 34

RESULT 602
US-09-073-881-2/c
Sequence 2, Application US/09073881
Patent No. US20020045251A1
GENERAL INFORMATION:
APPLICANT: Rao, Mahendra S.
APPLICANT: Mujtaba, Tahmina
TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS

/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Thorpe, No. US20020045251a1th & Western, L.L.P.
/ STREET: P.O. Box 1219
/ CITY: Sandy
/ STATE: Utah
/ COUNTRY: USA
/ ZIP: 84091-1219
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
/ COMPUTER: Compaq Presario 4540
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: Word Perfect 8.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/073,881
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA: 0.4%; Score 15.8; DB 1; Length 19;
/ APPLICATION NUMBER: 08/852,744
/ FILING DATE: 07-MAY-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Alan J. Howarth
/ REGISTRATION NUMBER: 36,553
/ REFERENCE/DOCKET NUMBER: T4903.CIP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (801)566-6633
/ TELEFAX: (801)566-0750
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-073-881-2

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1210 GGGAGGGCTGCTCGGCC 1228
DB 19 GGGAGGGCTGCTCGGCC 1

RESULT 603
US-09-263-959-427/c
/ Sequence 427, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Rowen, Lee
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTIL
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963

/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 427:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-263-959-427

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2834 ATATATATATACATATAT 2852
DB 19 ATATATATATATATATAT 1

RESULT 604
US-10-251-117-154
/ Sequence 154, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Re
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 154
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
/ US-10-251-117-154

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 5.1e+02;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1672 ATCGCAGACTTCGGCTGG 1690
DB 1 AUAACAGACUUCGGCUGG 19

RESULT 605
US-10-251-117-158
/ Sequence 158, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Re
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117

19 GTGAAAATGCTGAAAGAGG 1

RESULT 610

US-10-665-951-1650

; Sequence 1650, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: US 10/664,668

; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: US 10/287,949

; PRIOR FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: US 10/306,747

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: PCT/US 02/17674

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1650

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

US-10-665-951-1650

Query Match 0.4%; Score 15.8; DB 1; Length 19;

Best Local Similarity 68.4%; Pred. No. 5.1e+02;

Mismatches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

1288 GTAGCGTGAAGATGCTGA 1306

1 GUGGCGGUGAAAAUUGCUGA 19

RESULT 611

US-10-665-951-1687

; Sequence 1687, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

19 GTGAAAATGCTGAAAGAGG 1

RESULT 609

US-10-665-951-585/c

; Sequence 585, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: US 10/664,668

; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: US 10/287,949

; PRIOR FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: US 10/306,747

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: PCT/US 02/17674

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 585

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-665-951-585

Query Match 0.4%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 5.1e+02;

Mismatches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1294 GTGAAGATGCTGAAAGACG 1312

1 GUGAAAAUGCGAAGAGG 19


```

, PRIORITY APPLICATION NUMBER: US 10/664,668
, PRIOR FILING DATE: 2003-09-18
, PRIORITY APPLICATION NUMBER: PCT/US 03/05022
, PRIOR FILING DATE: 2003-02-20
, PRIORITY APPLICATION NUMBER: US 60/399,348
, PRIOR FILING DATE: 2002-07-29
, PRIORITY APPLICATION NUMBER: US 60/393,796
, PRIOR FILING DATE: 2002-07-03
, PRIORITY APPLICATION NUMBER: US 10/287,949
, PRIOR FILING DATE: 2002-11-04
, PRIORITY APPLICATION NUMBER: US 10/306,747
, PRIOR FILING DATE: 2002-11-27
, PRIORITY APPLICATION NUMBER: PCT/US 02/17674
, PRIOR FILING DATE: 2002-05-29
, PRIORITY APPLICATION NUMBER: US 60/358,580
, PRIOR FILING DATE: 2002-02-20
, PRIORITY APPLICATION NUMBER: US 60/363,124
, PRIOR FILING DATE: 2002-03-11
, PRIORITY APPLICATION NUMBER: US 60/386,782
, PRIOR FILING DATE: 2002-06-06
, Remaining Prior Application data removed
, NUMBER OF SEQ ID NOS: 2455
, SOFTWARE: PatentIn version 3.2
, SEQ ID NO 1687
, LENGTH: 19
, TYPE: RNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Description of Artificial
US-10-665,951-1687

```

```
Query Match      0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. NO. 5.1e+02;
Matches 10; Conservative 7; Mismatches 2; Indels 0; Gaps 0;
```

Qy 1807 TGGTCCTTTGGGGTCTGC 1825
: : : : : : : : : : : : : : : :
pb 1 UGGUCCTTGGGGGCGC 19

RESULT 612
US-10-665-951-1688
Sequence 1688, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James, Inc.
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11

```

; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1688
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence
US-10-665-951-1688

```

```
Query Match      0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 5.1e+02;
Matches 12; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
```

Qy 1825 CTCTGGGAGATCTTCAAGC 1843
Db 1 CTCTGGGAGATCTTCAAGC 19

```

RESULT 613
US-10-665-951-1897/c
; Sequence 1897, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James,
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Medi
; TITLE OF INVENTION: Growth Factor and Va
; TITLE OF INVENTION: Gene Expression Usin
; FILE REFERENCE: 400/131 (MBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1897
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artifi
US-10-665-951-1897

```

```
Query Match      0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17: Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1288 GTAGCGTGAAGATGCTGA 1306


```
; Sequence 12, Application US/09950935
; Publication No. US20030032022A1
; GENERAL INFORMATION:
; APPLICANT: Hill, Joseph A.
; TITLE OF INVENTION: Variants of IL-1 Beta Gene CD46 Gene for Diagnosing Unexplained R
; FILE REFERENCE: B0801/7227 (ERP)
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/231,785
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-950-935-12

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTG 2351
Db 1 GCTTGTGTGTGTGTGTG 19

RESULT 618
US-09-888-361-133/c
; Sequence 133, Application US/09888361
; Publication No. US20030064944A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-133

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1453 AAGGGTAACCTGCGGGAGT 1471
Db 20 AAGGGCAACCTGCAGGAGT 2

RESULT 619
US-09-920-677-24/c
; Sequence 24, Application US/09920677
; Publication No. US20030083284A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF P70 S6 KINASE EXPRESSION
; FILE REFERENCE: RTS-0245
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 24
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-677-24

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGCTGGAGG 871
Db 20 GAGGATGAGCTGGAGGAGG 2

RESULT 620
US-09-781-712B-20/c
; Sequence 20, Application US/09781712B
; Publication No. US20040180433A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T
; APPLICANT: Lima, Walter
; APPLICANT: Wu, Hongliang
; TITLE OF INVENTION: Methods of Using Mammalian RNase H and Compositions Thereof
; FILE REFERENCE: ISPH-0520
; CURRENT APPLICATION NUMBER: US/09/781,712B
; CURRENT FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: US 60/067,458
; PRIOR FILING DATE: 1997-12-04
; PRIOR APPLICATION NUMBER: US 09/203,716
; PRIOR FILING DATE: 1998-12-02
; PRIOR APPLICATION NUMBER: US 09/343,809
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 09/684,254
; PRIOR FILING DATE: 2000-10-06
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-781-712B-20

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 938 TGGTGTGGCGCTGTGAC 956
Db 20 TGGTGTGGCGCTGTGAGC 2

RESULT 621
US-10-243-035-5
; Sequence 5, Application US/10243035
; Publication No. US20030049697A1
; GENERAL INFORMATION:
; APPLICANT: LAZDUNSKI, MICHEL
; APPLICANT: LESAGE, FLORIAN
; APPLICANT: MAINGRET, FRANCOIS
; TITLE OF INVENTION: NEW FAMILY OF MECHANOSENSITIVE HUMAN POTASSIUM CHANNELS
; TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE
; FILE REFERENCE: 1317-02
; CURRENT APPLICATION NUMBER: US/10/243,035
; CURRENT FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-5

Query Match          0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1869 CCCTGTGGAGGAGCTCTTC 1887
Db 2 CCCAGTGGAGGAGCCCTTC 20

RESULT 622
US-10-184-191-5/c
; Sequence 5, Application US/10184191
; Publication No. US20030096377A1
; GENERAL INFORMATION:
; APPLICANT: Meng, Xiang-Jin
; TITLE OF INVENTION: Differential PCR-RFLP Assay for Detecting and Distinguishing Between
; FILE REFERENCE: AM100732
; CURRENT APPLICATION NUMBER: US/10/184,191
; CURRENT FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Porcine circovirus
US-10-184-191-5

Query Match          0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2420 CTGCTGTGCAACGGTCTCC 2438
Db 20 CTGCTGTGCAACGGTCAAC 2

RESULT 623
US-10-143-266-6
; Sequence 6, Application US/10143266
; Publication No. US2003010887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-6

Query Match          0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2325 GTGTGTGTGCGTGTGTG 2343
Db 1 GTGTGTGTGCATTGTGTG 19

RESULT 624
US-10-006-191-136
; Sequence 136, Application US/10006191
; Publication No. US20030144223A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
; FILE REFERENCE: RTS-0274
; CURRENT APPLICATION NUMBER: US/10/006,191
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-136

Query Match          0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATA 2842
Db 2 AAATATATATATATATA 20

RESULT 625
US-10-006-191-136/c
; Sequence 136, Application US/10006191
; Publication No. US20030144223A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
; FILE REFERENCE: RTS-0274
; CURRENT APPLICATION NUMBER: US/10/006,191
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-136

Query Match          0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATAT 2841
Db 20 TATATATATATATATTT 2

RESULT 626
US-10-238-442-65/c
; Sequence 65, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert

```

; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-238-442-65

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCAGCGCTGCAGG 61
| | | | | | | | | | | | | | | | | | | | | |
DB 20 GTCCCGCAGCGCTGCAGG 2

RESULT 627
US-10-144-488-53/c
; Sequence 53, Application US/10144488
; Publication No. US20030212017A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF FARNESYL TRANSFERASE BETA SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0363
; CURRENT APPLICATION NUMBER: US/10/144,488
; CURRENT FILING DATE: 2002-05-10
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-144-488-53

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3727 AAACCGCAGCGCGATTT 3745
| | | | | | | | | | | | | | | | | | | | | |
DB 20 AAGCCGCGCAGTGCATTT 2

RESULT 628
US-10-177-573-63
; Sequence 63, Application US/10177573
; Publication No. US20030236206A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3R1 EXPRESSION
; FILE REFERENCE: RTS-0364
; CURRENT APPLICATION NUMBER: US/10/177,573
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 104
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-573-63

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATA 2844
| | | | | | | | | | | | | | | | | | | | | |
DB 1 ATTACATATGTATATATA 19

RESULT 629
US-10-177-573-63/c
; Sequence 63, Application US/10177573
; Publication No. US20030236206A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3R1 EXPRESSION
; FILE REFERENCE: RTS-0364
; CURRENT APPLICATION NUMBER: US/10/177,573
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 104
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-573-63

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATAT 2841
| | | | | | | | | | | | | | | | | | | | | |
DB 19 TATATACATATGTAAAT 1

RESULT 630
US-10-188-883-53
; Sequence 53, Application US/10188883
; Publication No. US20040006005A1
; GENERAL INFORMATION:
; APPLICANT: Bhanot, Sanjay
; TITLE OF INVENTION: USE OF INTEGRIN-LINKED KINASE INHIBITORS FOR TREATING INSULIN RESISTANCE
; FILE REFERENCE: ISPH-0687
; CURRENT APPLICATION NUMBER: US/10/188,883
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide.
US-10-188-883-53

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 GAGGAGCTGGTGGAGCTG 874
| | | | | | | | | | | | | | | | | | | | | |
DB 2 GAGGAGCAGGTGGAGACTG 20

RESULT 631
US-10-296-242-5/c
; Sequence 5, Application US/10296242

```
; Publication No. US20040073958A1
; GENERAL INFORMATION:
; APPLICANT: KATSUKI Motoya
; APPLICANT: KAWATAKI, Tetsuya
; APPLICANT: TERANISHI, Yutaka
; APPLICANT: ISHIDA, Mitsuyoshi
; APPLICANT: KATO, Minoru
; TITLE OF INVENTION: Transgenic Animal Having Drug Metabolizing Enzyme Gene and Use
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: P23039
; CURRENT APPLICATION NUMBER: US/10/296,242
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/JP02/01555
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sense Primer
US-10-296-242-5

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      842 TGCTGCCAGCCGAGGAGGA 860
Db      20 TGCTGCCAGCCGAGGAGGA 2

RESULT 632
US-10-300-611-64
; Sequence 64, Application US/10300611
; Publication No. US20040097451A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIBOGEN EXPRESSION
; FILE REFERENCE: PTS-0059
; CURRENT APPLICATION NUMBER: US/10/300,611
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 136
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-611-64

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2822 GTATATATACATATATA 2840
Db      2 GTACATATACATATATGTA 20

RESULT 633
US-10-302-028-16
; Sequence 16, Application US/10302028
; Publication No. US20040102392A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas W. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302,028
```

```
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-028-16
```

```
Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      196 GCTGAGGCACACAGGTGTGG 214
Db      2 GCTCAGGGCACACAGGTGTGG 20
```

```
RESULT 634
US-10-302-028-53/c
; Sequence 53, Application US/10302028
; Publication No. US20040102392A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas W. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302,028
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-302-028-53
```

```
Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      196 GCTGAGGCACACAGGTGTGG 214
Db      19 GCTCAGGGCACACAGGTGTGG 1
```

```
RESULT 635
US-10-317-391-40
; Sequence 40, Application US/10317391
; Publication No. US20040115634A1
; GENERAL INFORMATION:
; APPLICANT: William R. Shanahan, Jr.
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION
; FILE REFERENCE: PTS-0010
; CURRENT APPLICATION NUMBER: US/10/317,391
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-391-40
```

```
Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Query Match 0.4%; Score 15.8; DB 1; Length 20;

Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 TGTGTGTCGTCGTGTGTGT 2344
||||| |||||||
Db 20 TGTGTGCCCCGTGTGTGTGT 2

RESULT 641
US-10-671-395-1696/c
; Sequence 1696, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1696
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1696

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTGT 2333
||| ||||| |||||||
Db 19 GTATGTGTATGTGTGTGTGT 1

RESULT 642
US-10-671-395-1711/c
; Sequence 1711, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1711
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1711

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTGT 2333
||| ||||| |||||||
Db 20 GTATGTGTATGTGTGTGTGT 2

RESULT 643
US-10-664-639A-36/c
; Sequence 36, Application US/10664639A
; Publication No. US20040137471A1
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas, M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; FILE REFERENCE: ISIS0001-100 (CORE00027US)
; CURRENT FILING DATE: 2003-09-18
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
; NAME/KEY: misc feature
; LOCATION: (15)..(20)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
US-10-664-639A-36

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336
||||| ||||||| |||||
Db 20 TGTGTGTGTGTGTGTGTGT 2

RESULT 644
US-10-641-455A-65/c
; Sequence 65, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Wai Shiu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0762
; CURRENT FILING DATE: 2003-08-15
; PRIOR FILING DATE: 2002-09-09
; PRIOR FILING DATE: 2000-08-15
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA


```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-65

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCAGCGGTGTCAGG 61
    |||||
Db 20 GTGCCGCGAGCGGTGTCAGG 2

RESULT 645
US-10-786-720-11534/c
; Sequence 11534, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11534
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11534

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTCGTGTGTG 2341
    |||||
Db 19 GCGTGTGTGTGTCATGTGTG 1

RESULT 646
US-10-786-720-11543/c
; Sequence 11543, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11543
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11543

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2331 GTCCGTGTGTGTGTGTGTG 2349
    |||||
Db 19 GTGGATGTGTGTGTGTGTGTG 1

RESULT 647
US-10-786-720-11662/c
; Sequence 11662, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11662
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11662

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 TGTGTGTGTGCACATCCGC 2360
    |||||
Db 21 TGTGTGTGTGCACAGGCGC 3

RESULT 648
US-10-786-720-11663/c
; Sequence 11663, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11663
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11663

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 TGTGTGTGTGCACATCCGC 2360
    |||||
Db 19 TGTGTGTGTGCACAGGCGC 1

RESULT 649
US-10-786-720-12986
; Sequence 12986, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
```



```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17616
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-17616

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 5.6e+02;
Matches 9; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Qy 2333 GCGTGTGTGTGTGTGTGTG 2351
Db 1 GCUUGUGUGUCUGUGUGU 19

RESULT 655
US-10-786-720-18282
; Sequence 18282, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18282
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-18282

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 42.1%; Pred. No. 5.6e+02;
Matches 8; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

Qy 2332 TCGTGTGTGTGTGTGTGTG 2350
Db 2 UGCUUGUGUGUCUGUGUGU 20

RESULT 656
US-10-786-720-18294
; Sequence 18294, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18294
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-18294
```

```
Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 42.1%; Pred. No. 5.6e+02;
Matches 8; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

Qy 2322 TCGTGTGTGTGTGTGTGTG 2340
Db 2 UGUGUGUGUCUGUCUGUGU 20

RESULT 657
US-10-786-720-18644/c
; Sequence 18644, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18644
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-18644

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2323 GTGTGTGTGTGTGTGTGTG 2341
Db 19 GTGTGTGTGTGTGTGTGTG 1

RESULT 658
US-10-786-720-18803/c
; Sequence 18803, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18803
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-18803

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2333 GCGTGTGTGTGTGTGTGTG 2351
Db 19 GCTTGTGTGTGTGTGTGTG 1

RESULT 659
US-10-786-720-18804
; Sequence 18804, Application US/10786720
; Publication No. US20040191818A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18804
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-18804

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 5.6e+02;
Matches 9; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCCTGTGTGTGTGTGTG 2351
DB 1 GCUUGUGUGUCUGUGUG 19

RESULT 660
US-10-786-720-20858/c
; Sequence 20858, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20858
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20858

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1349 AGATGGAGATGATGAAGAT 1367
DB 20 AGATGAAGAGGATGAAGAT 2

RESULT 661
US-10-786-720-20989/c
; Sequence 20989, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20989
; LENGTH: 21
```

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20989

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1349 AGATGGAGATGATGAAGAT 1367
DB 20 AGATGAAGAGGATGAAGAT 2

RESULT 662
US-10-786-720-20991
; Sequence 20991, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20991
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-20991

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1349 AGATGGAGATGATGAAGAT 1367
DB 2 AGAUGAAGAGGAUGAAGAU 20

RESULT 663
US-10-159-339-88
; Sequence 88, Application US/10159339
; Publication No. US20030166540A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0169NP
; CURRENT APPLICATION NUMBER: US/10/159,339
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: US 60/294,411
; PRIOR FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 88
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-339-88

Query Match      0.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2596 CCTCCACACCCAAAGCT 2614
DB 1 CCTGCCACACCCACAGCT 19
```

RESULT 664
US-09-725-265-9
; Sequence 9, Application US/09725265
; Publication No. US2001000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9
Query Match 0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
Qy 3259 AGATATTTTATTTGCTTGTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29
RESULT 665
US-09-891-517-9
; Sequence 9, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-9
Query Match 0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
Qy 3259 AGATATTTTATTTGCTTGTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29

US-09-891-517-9
Query Match 0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
Qy 3259 AGATATTTTATTTGCTTGTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29
RESULT 666
US-10-209-608-9
; Sequence 9, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-9
Query Match 0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
Qy 3259 AGATATTTTATTTGCTTGTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29
RESULT 667
US-10-683-386-9
; Sequence 9, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127

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; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 3259 AGATATTATTGCTTGTGCTTTT 3285
Db 3 ATATATTATTGCTTGTGCTTTT 29

RESULT 668
US-09-920-581-9
; Sequence 9, Application US/09920581
; Patent No. US20020151073A1
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 4484.204-US
; CURRENT APPLICATION NUMBER: US/09/920,581
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 09/197,814
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: PCT/DK97/00305
; PRIOR FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-920-581-9

Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.7%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 3300 TTCTATAGGATTTTCTTTAGGAGATTATTTT 3334
Db 1 TTTTGAAGCTTTTCTTTTCTTTTCTTTT 35

RESULT 669
US-10-371-421-9
; Sequence 9, Application US/10371421
; Publication No. US20030148500A1
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 4484.224-US
; CURRENT APPLICATION NUMBER: US/10/371,421
; CURRENT FILING DATE: 2003-02-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer

```

```

US-10-371-421-9

Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.7%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 3300 TTCTATAGGATTTTCTTTAGGAGATTATTTT 3334
Db 1 TTTTGAAGCTTTTCTTTTCTTTTCTTTT 35

RESULT 670
US-09-876-235-12/c
; Sequence 12, Application US/09876235
; Publication No. US20030022236A1
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876,235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-876-235-12

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.1e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 3262 TATTTATTGCTTGTGCTTTTTCAG 3288
Db 37 TTTTCTTTTCTTTTCTTTTCTTTTCTTTT 11

RESULT 671
US-09-782-837-15
; Sequence 15, Application US/09782837
; Patent No. US20020127714A1
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/782,837
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 09/045,054
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

```